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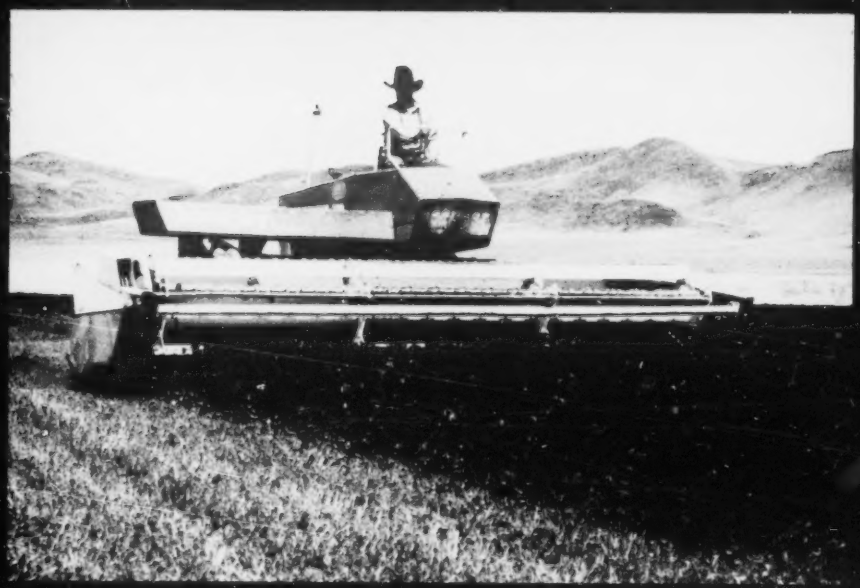
NEVADA
Agricultural Statistics
1986-87



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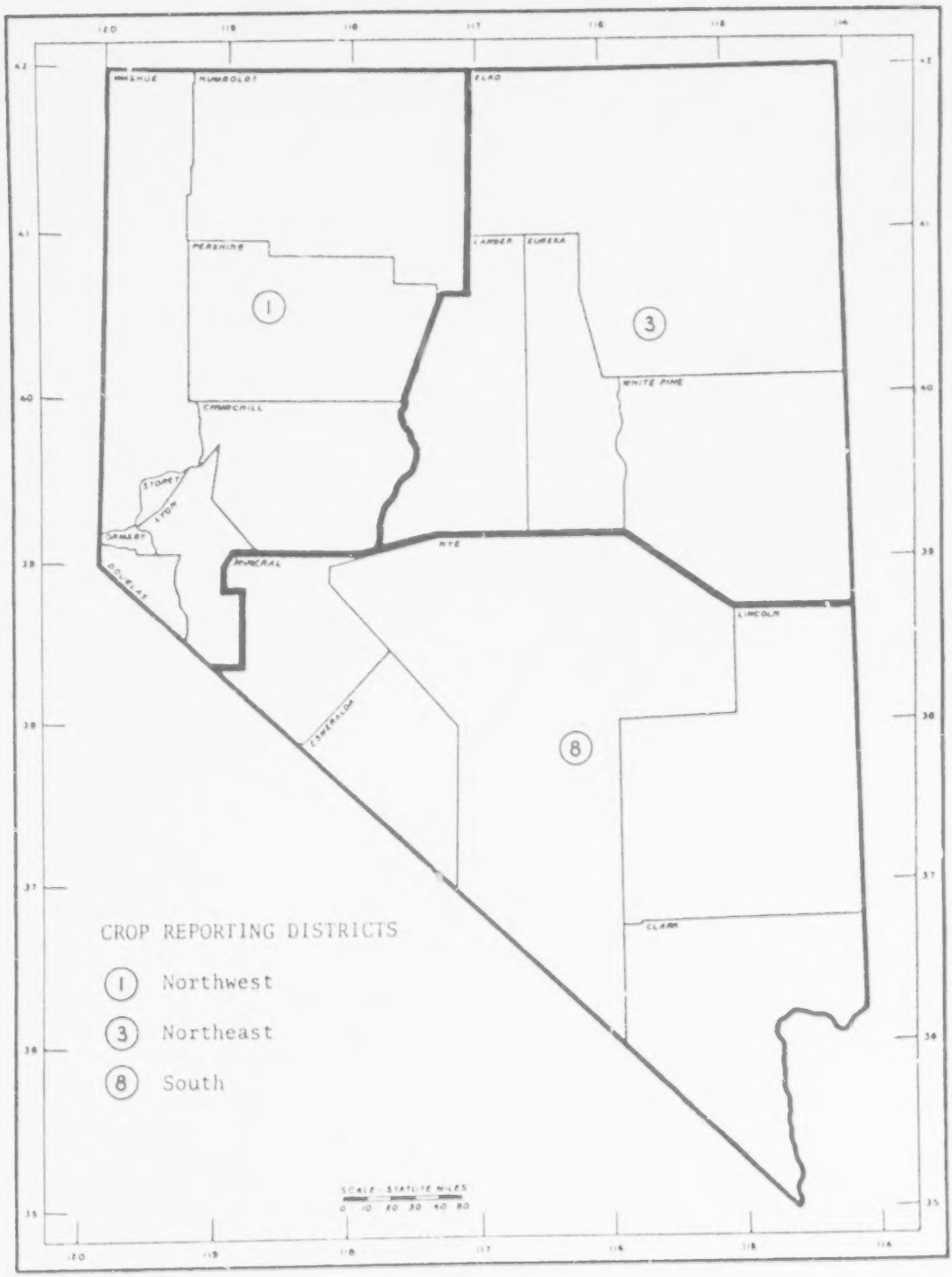
NEVADA COUNTIES AND CROP REPORTING DISTRICTS



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Nevada Agricultural Statistics

1987

Nevada Department of Agriculture

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RICHARD H. BRYAN
Governor

To The People of Nevada:

Nevada's agricultural industry is a vital part of our State's economy. The past few years have not been easy for agricultural producers in the Silver State. In these troubled times with ever changing economic and climatic factors it is even more important that producers and their organizations be well informed to make sound decisions. The information in this edition of Agricultural Statistics documents the size and scope of this basic industry and provides an important tool for those making decisions which impact agriculture.

This publication is a cooperative effort of the Nevada State Department of Agriculture, the University of Nevada Reno College of Agriculture and the USDA, National Agricultural Statistics Service. It represents a cooperative effort to insure health, and profitability to this most basic Nevada industry.

Sincerely,

RICHARD H. BRYAN
Governor

STATE OF NEVADA

RICHARD H. BRYAN
GOVERNOR

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To Friends of Nevada Agriculture:

Today's agriculture is increasingly becoming a complex business, one that requires sophisticated management, marketing and investment decisions. This edition of Nevada Agricultural Statistics 1986-87, provides up-to-date and accurate information which I hope you will find useful in making decisions concerning agriculture. The information contained in it also helps familiarize oneself with Nevada's agriculture and the changes over time.

Compiling the statistical data in this publication is the result of cooperation between the Nevada State Department of Agriculture, the College of Agriculture University of Nevada-Reno and the National Agricultural Statistics Service, USDA, working closely with the Nevada ranchers and farmers who voluntarily provided the basic data. Their cooperation made this publication possible and it is greatly appreciated.

Sincerely,

Thomas W. Ballow
Executive Director

NEVADA AGRICULTURAL STATISTICS SERVICE
P.O. Box 8880
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FOREWORD

This publication provides a comprehensive summary of agriculture in Nevada including estimates by counties for major crops and livestock. It also includes information on crop production, livestock numbers, farm income prices and weather.

There are many people who help make this bulletin possible. However, we would like to say a special "THANK YOU" to the Nevada ranchers, farmers and agricultural product handlers who supplied basic information by completing voluntary questionnaires or answering telephone requests. The information contained in this publication would not be possible without their help and cooperation. We also appreciate the hard work and dedication of our field interviewers, telephone interviewers, and all of the office staff, who had a part in carrying out the surveys, evaluating the results and establishing the estimates which are presented in this bulletin. A special thanks to Mary Burback who helped with the word processing and the bulletin layout.

C.R. "Bud" Lies
State Statistician

Cooperating with

University of Nevada-Reno
College of Agriculture

State of Nevada
Department of Agriculture

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WEATHER SUMMARY, 1985-86

GENERAL: Precipitation for the water year October 1, 1985 through September 30, 1986 totaled 9.95 inches--about 13 percent above normal and nearly two inches more than a year earlier. Fall started with typical Indian Summer type weather that lasted throughout October and extended into mid-November. Pleasant fall weather ended abruptly as cold winter storms the remainder of November lowered temperatures and dropped record amounts of snow. January was mostly sunny with mild temperatures. Torrential rains in February produced mud slides, flooding, and road washouts--the worst on record since 1963. Weather moderated considerably during the spring season. Temperatures early in the summer season were at record high levels. First snow of the new season fell mid-September. Below freezing temperatures were common the last half of the month. Temperatures during the 1985-86 year averaged 51.5 degrees--about normal. July was replaced by August as the hottest month of the summer season with an average of 73.8 degrees.

FALL 1985: October started cool, but temperatures moderated until midmonth when cooler air masses brought snow at higher elevations and rain at valley floors. Remainder of the month had mostly sunny and clear skies--typical Indian Summer weather. A low pressure trough kept weak storms moving across northern areas toward the end of October. Greatest precipitation amounts were recorded in the northeast, mostly in the form of snow. November began with numerous clouds but little precipitation. Temperatures were slightly above normal and broke out into Indian Summer type weather the second week, but a winter storm brought the brief warm weather to a halt. Strong winds in advance of the storm were recorded in some gusts of 50 mph in southern areas. Record amounts of snow were dropped most areas. Heaviest snowfall occurred in western sections and high elevations of the Sierras. An inversion system resulted in several northern valleys blanketed in dense fog. Southern skies were mostly fair. Temperatures took a downward slide after the storms hit and sub-zero minimums were common throughout northern and central areas. For the entire month of November, temperatures were well below normal and precipitation was more than twice the normal amount.

WINTER 1985: December started like November ended, with below normal temperatures and significant precipitation. Heavy snow fell in the Sierras with mostly rain at lower elevations. By mid-month Arctic air dropped temperatures well below normal, all areas. Light to heavy morning fog was reported in several valleys. Smoke, haze, and smog filled the more populated western valleys. Both temperatures and precipitation averaged below normal. Early in January a series of upper level weather disturbances cleared the fog out of northern valleys and dropped widespread precipitation in the north and central areas. Under a high pressure system, warmer temperatures were common in all areas, averaging well above normal by midmonth. Remainder of January was mostly sunny with mild temperatures. Temperatures averaged well above normal in all areas and extended into February. Sunny skies prevailed briefly as a series of major tropical storms moved into western and northern areas, followed by torrential rains at valley floors and snow at higher elevations. Mud slides, flooding, and road washouts were common west and north. These storm fronts were the worst on record since 1963. Moderate to heavy rain continued another week, intensifying flooding and bringing western rivers to flood levels. Many areas were evacuated and extensive property damage occurred, including one drowning. Southern areas, in contrast, were mostly dry.

WEATHER SUMMARY, 1985-86, cont.

SPRING 1986: Heavy rains and flooding ended the beginning of March. A high pressure ridge produced warm, sunny afternoons and clear, mild nights. Summer-like weather continued to midmonth when the high pressure system weakened, opening the door to Pacific storm systems. Heavy rainfall amounts near the Sierras brought rivers in the extreme west to near flood levels again. Cooler air accompanying the storms lowered temperatures in all areas. Remainder of March was consistent with fickle spring weather, moving from much above normal temperatures with relatively dry conditions to a wet and cool pattern. April weather varied from winter-like storms with gusty winds and snow to warm, sunny, summer-type periods. Spring seemed to be omitted. Cold fronts moved across Nevada weekly, but sunny skies were interspersed between the frequent rain and snow showers. Precipitation was confined to the northern two-thirds of the State, with the extreme south relatively dry. Temperatures fluctuated widely from week to week and between areas but averaged mostly normal for the entire month of April. May weather alternated between cold, wet and windy to warm with sunny skies. Pacific storms the first half brought gusty winds, snow, and below normal temperatures. Remainder of the month had periodic storm fronts moving through but also had extended periods of warm, sunny weather. Frost damage was reported most areas during the last two weeks of May.

SUMMER 1986: Temperatures were at record high levels early in June, moderated a little the second week, but then averaged well above normal the remainder of the month. Widely scattered thunderstorms created more wind than rain and shut off completely by midmonth as no measurable precipitation was reported the rest of June. A few range fires occurred but acreages burned were relatively small compared with recent years. July started with above normal temperatures, widely scattered thunderstorms, and strong southwesterly winds gusting 40 to 50 miles per hour most areas. A cooling trend midmonth and beyond lowered temperatures but produced only light amounts of precipitation. An influx of subtropical air the last week of July led to significant rainfall all areas. Cloud cover associated with the moisture kept temperatures below normal. August started with below normal temperatures but quickly moved to above normal for the remainder of the month. A few scattered storms moved through the State midmonth and again near the end of August but produced only trace to light amounts of precipitation in a few scattered localities. September began with above normal temperatures and scattered thunderstorms, but a series of cold fronts quickly dropped temperatures well below normal. First snow of the season fell in the Sierras midmonth. Scattered storms the remainder of September brought rain and snow to all areas, and precipitation totals for the month were above average. This year fall entered the State disguised as winter. Considerable snow accumulated in the Sierras and other high elevation areas. Below freezing temperatures were common the last half of September.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1986

	1985			1986									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
						Degrees							
Temperature													
1985-86	50.4	34.5	30.6	38.3	40.5	47.0	48.7	57.6	69.3	70.2	73.8	56.9	51.5
Normal	53.0	40.8	33.2	31.3	36.9	40.9	47.9	57.1	66.1	74.0	71.3	63.3	51.3
Departure	-2.6	-6.3	-2.6	+7.0	+3.6	+6.1	+ .8	+ .5	+3.2	-3.8	+2.5	-6.4	+ .2
						Inches							
Precipitation													
1985-86	.65	1.62	.64	.47	2.11	1.09	.99	.49	.17	.51	.44	.77	9.95
Normal	.57	.76	.94	.99	.83	.80	.75	.87	.72	.51	.56	.51	8.81
Departure	+.08	+.86	-.30	-.52	+1.28	+.29	+.24	-.38	-.55	---	-.12	+.26	+1.14

USUAL PLANTING AND HARVESTING DATES, BY CROPS AND PRINCIPAL PRODUCING AREAS IN NEVADA

	1986 Harvested Acreage (000)	Usual Planting Dates	Usual Harvesting Dates			Principal Producing Areas and Counties
			Begin	Most Active	End	
Barley						
Fall Sown	33	Sep 5-Oct 20	Jul 10	Jul 15-Aug 25	Sep 5	District 1
Spring Sown		Apr 5-May 10	Jul 20	Jul 25-Sep 1	Sep 15	District 1
Corn,Silage	3	May 1-Jun 1	Sep 1	Sep 10-Oct 1	Oct 10	Churchill Pershing
Hay						
Alfalfa	240		Apr 10		Nov 1	Clark
			Jun 1		Oct 10	District 1, 3
All Other	280		Jun 15		Sep 15	District 1, 3
Oats	4	Apr 1-May 25	Jul 25	Aug 5-Sep 1	Sep 10	Statewide
Wheat						
Winter	9	Sep 5-Oct 20	Jul 15	Aug 1-Aug 25	Sep 5	Humboldt Pershing
Spring	13	Apr 1-May 10	Jul 25	Aug 10-Sep 5	Sep 15	Humboldt Eureka Pershing Lander
Potatoes	9	Apr 25-Jun 10	Oct 1	Oct 10-Oct 30	Nov 10	Humboldt Lander Lyon Washoe
SEED CROPS						
Alfalfa	10		Aug 25	Sep 5-Oct 5	Oct 15	Humboldt Pershing Lander

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1976-87, 1/

Year	Nevada			United States		
	Number of Farms	Land in Farms		Number of Farms	Land in Farms	
		Average	Total		Average	Total
		- Acres -	Thou. Acres	Thousands	- Acres -	Thou. Acres
1976	2,400	3,746	8,990	2,497	422	1,054,075
1977	2,600	3,458	8,990	2,456	427	1,047,785
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,432	428	1,042,015
1980	2,900	3,100	8,990	2,433	427	1,038,885
1981	3,100	2,871	8,900	2,434	425	1,034,190
1982	2,900	3,069	8,900	2,401	428	1,027,795
1983	2,700	3,296	8,900	2,370	432	1,024,195
1984	2,600	3,385	8,800	2,328	438	1,019,378
1985	2,500	3,520	8,800	2,275	446	1,014,383
1986	2,400	3,667	8,800	2,212	456	1,007,643
1987 2/	2,400	3,667	8,800	2,173	461	1,002,463

1/ Farm is defined as a place with annual sales of agricultural products of $1,000 or more. 2/ Preliminary.

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1986, at the 2,400 level, was down from a year earlier. Number of ranches and farms includes places with annual sales of agricultural products of $1,000 or more. The old definition prior to 1975 includes places of 10 or more acres that had annual sales of agricultural products of $50 or more and places of less than 10 acres that had annual sales of $250 or more.

A preliminary number of 2,400 farms is estimated for 1987 which stopped the downward trend. New land coming into production has been offset by land consumed for urbanization and construction of highway systems as land in Nevada ranches and farms held steady at 8,800,000 acres during the past few years.

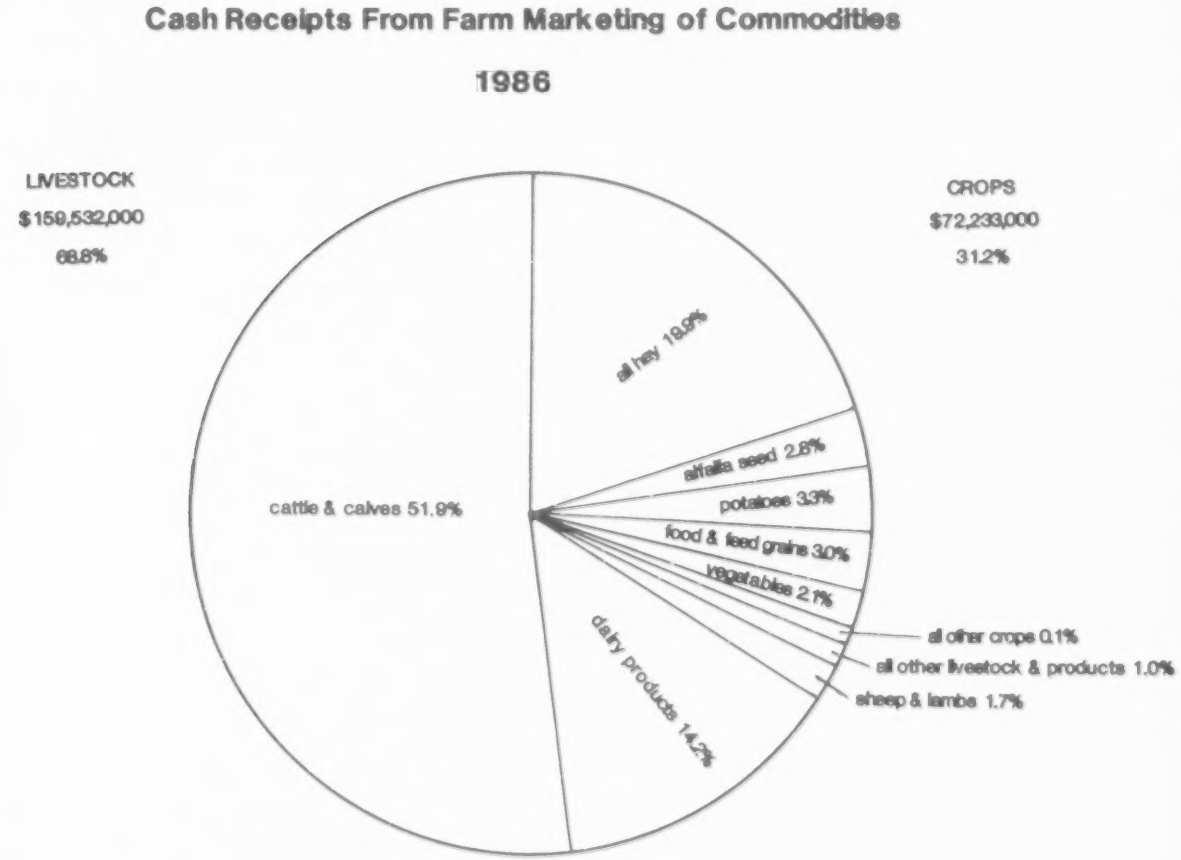
NUMBER OF LIVESTOCK SPECIE FARMS, 1976-86

Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
	- - - - - - Number - - - - - -				- - - - - - Thousands - - - - - -			
1976	1,600	400	280	240	1,825.8	416.2	122.5	658.3
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.0	312.1	128.1	482.2
1983	1,700	400	300	200	1,584.5	299.1	126.4	462.1
1984	1,700	400	270	200	1,543.5	284.7	123.5	429.6
1985	1,700	400	270	180	1,493.9	271.9	117.4	391.0
1986	1,700	400	300	150	1,449.7	254.8	114.8	346.9

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA, 1984-86

Item	1984		1985		1986 1/	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves.	123,418	49.1	101,754	45.2	120,414	51.9
Dairy Products	33,210	13.2	33,408	14.8	32,818	14.2
Sheep & Lambs (Including Wool)	13,684	5.4	6,954	3.1	3,848	1.7
All Other Livestock & Products	2,060	.8	1,808	.8	2,452	1.0
Total Livestock & Products .	172,372	68.5	143,924	63.9	159,532	68.8
All Hay.	40,496	16.1	46,987	20.9	46,042	19.9
Alfalfa Seed	5,800	2.3	7,414	3.3	6,378	2.8
Potatoes	17,708	7.1	12,329	5.5	7,647	3.3
Food & Feed Grains	8,844	3.5	8,879	3.9	6,979	3.0
Vegetables	5,996	2.4	5,497	2.4	4,969	2.1
All Other Crops.	275	.1	255	.1	218	.1
Total Crops.	79,119	31.5	81,361	36.1	72,233	31.2
Total All Commodities.	251,491	100.0	225,285	100.0	231,765	100.0

1/ Preliminary.



PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1984-86 1/

Item	1984	1985	1986
	Million Dollars		
Feed	34.6	29.1	26.3
Livestock	13.7	10.5	5.2
Seed	4.0	3.9	3.5
Fertilizer and lime	5.4	6.9	4.7
Repair and operation of capital items	35.8	34.7	30.6
Hired labor	21.9	22.1	22.3
Miscellaneous	54.6	52.5	51.2
Total current farm operating expenses	170.0	159.7	143.8
Depreciation and other consumption of farm capital	44.3	42.5	38.6
Taxes on farm mortgage debt	3.6	3.5	3.5
Interest on farm mortgage debt	27.8	27.4	25.3
Net rent to nonfarm landlords	5.4	3.0	4.3
Total Production Expense	251.1	236.1	215.5

FARM INCOME REVERSES DOWNWARD TREND

Net farm income totaled 28.0 million dollars in 1986 compared with 16.3 million dollars a year earlier. The increase from 1985 was mainly due to a 9 percent drop in farm production expenses as cash receipts from farm marketings rose only 3 percent. Total gross farm income (before deducting farm production expenses and net change in inventories) was 262.3 million in 1986, up slightly from the preceding year.

FARM INCOME, NEVADA, 1984-86 1/

Item	1984	1985	1986
	Million Dollars		
Realized gross farm income			
Cash receipts from farm marketings	251.5	225.3	231.8
Government payments	4.5	3.9	3.4
Non-money income	29.9	28.5	25.1
Other farm income	2.0	2.5	2.0
Total gross farm income	287.9	260.2	262.3
Farm production expenses	251.1	236.1	215.5
Realized net farm income	36.8	24.1	46.8
Net change in farm inventories	- 9.8	- 7.8	-18.8
Total net farm income	27.0	16.3	28.0

1/ Details may not add to totals due to rounding.

ANNUAL CROP SUMMARY

Nevada ranchers and farmers produced nearly 1.7 million tons of selected crops in 1986--up 4 percent from 1985. All crops except barley, hay and winter wheat showed production decreases from the previous year. Acreage of total crops harvested was up 3 percent due to an increase in hay acreage. All other crops registered decreases in harvested acres except winter wheat which remained the same. Hay production was up from 1985 mainly due to an increase in acreage. Alfalfa hay was harvested from 240,000 acres with an average yield of 4.10 tons per acre totaling 984,000 tons compared with 940,000 tons a year earlier--a larger acreage in 1986, but the same average yield. Other types of hay (largely wild or meadow hay) were cut from 280,000 acres with an average yield of 1.40 tons per acre totaling 392,000 tons---up 16 percent from the previous year.

FIELD CROP SUMMARY, PRINCIPAL CROPS, NEVADA, 1985-86

Crop	1985 Acres Harvested	1985 Yield Per Acre	1985 Unit	1985 Production Total	1985 Production Value	1986 Acres Harvested	1986 Yield Per Acre	1986 Production Total	1986 Production Value
				- Thousands -				- Thousands-	
Alfalfa Seed.	11,000	670	Lbs.	7,370	7,370	10,000	600	6,000	6,000
Barley. . . .	37,000	80	Bu.	2,960	6,364	33,000	90	2,970	5,495
Garlic. . . .	900	6	Tons	5.4	2,160	800	6.5	5.2	1,976
Hay, Alfalfa.	235,000	4.1	"	964	2/	240,000	4.1	984	2/
Hay, All. . .	495,000	2.63	"	1,302	104,811	520,000	2.65	1,376	101,824
Onions. . . .	600	21	"	12.6	2,520	400	21	8.4	2,184
Potatoes. . .	9,000	345	Cwt.	3,105	8,694	9,000	350	3,150	13,073
Wheat, All. .	24,000	73.8	Bu.	1,770	4,899	22,000	78.2	1,720	3,572
Wheat, Spring	15,000	70	"	1,050	3,056	13,000	70	910	1,911
Wheat, Winter	9,000	80	"	720	1,843	9,000	90	810	1,661

2/ Not available.

CROP VALUES

Value of selected crops grown in Nevada totaled $134.1 million in 1986--down 2 percent from the 1985 value of $136.8 million. Value decrease was due to both lower prices and smaller acreages for most crops. Potato prices increased 48 percent, but decreases of 20 percent were shown for winter wheat, 28 percent for spring wheat, 14 percent for barley and 8 percent for all hay.

ACREAGE, PRODUCTION AND VALUE, NEVADA, 1984-86

Crop	Acres Harvested 1984	Acres Harvested 1985	Acres Harvested 1986	Tons Produced 1984	Tons Produced 1985	Tons Produced 1986	Values 1984	Values 1985	Values 1986
					- Thousands -				
Grain Crops 1/	61.0	61.0	55.0	135.1	124.1	122.9	14,178	11,429	9,067
Alf.Seed	10.0	11.0	10.0	2.6	3.7	3.0	5,775	7,370	6,000
Potatoes	10.0	9.0	9.0	165.0	155.3	157.5	15,180	8,694	13,073
Garlic	.8	.9	.8	4.8	5.4	5.2	2,112	2,160	1,976
Onions	.4	.6	.4	9.2	12.6	8.4	2,576	2,520	2,184
All Hay	525.0	495.0	520.0	1,346.0	1,302.0	1,376.0	100,950	104,811	101,824
Total	607.2	577.5	595.2	1,662.7	1,603.1	1,673.0	140,771	136,818	134,124

1/ Wheat & Barley.

WINTER WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1977	15,000	14,000	60	840	2.65	2,226
1978	11,000	10,000	65	650	3.40	2,210
1979	12,000	11,000	70	770	4.15	3,196
1980	13,000	12,000	65	780	3.80	2,964
1981	16,000	15,000	70	1,050	3.40	3,570
1982	16,000	15,000	70	1,050	3.53	3,707
1983	9,000	8,000	70	560	3.40	1,904
1984	9,000	8,000	80	640	2.90	1,856
1985	10,000	9,000	80	720	2.56	1,843
1986	10,000	9,000	90	810	2.05	1,661

WINTER WHEAT: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	1,000	900	80.0	72,000	900	800	85.0	68,000
Eureka	500	400	65.0	26,000	500	400	75.0	30,000
Humboldt	3,300	3,000	90.0	270,000	3,200	2,900	95.0	275,500
Lyon	1,300	1,100	70.0	77,000	1,200	1,000	85.0	85,000
Pershing	2,200	2,000	85.0	170,000	2,500	2,300	100.0	230,000
All Others	1,700	1,600	66.0	105,000	1,700	1,600	76.0	121,500
State Totals	10,000	9,000	80.0	720,000	10,000	9,000	90.0	810,000

SPRING WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1977	13,000	12,000	50	600	2.60	1,560
1978	13,000	12,000	55	660	3.40	2,244
1979	14,000	13,000	50	650	4.00	2,600
1980	19,000	17,000	60	1,020	3.80	3,876
1981	18,000	16,000	50	800	3.40	2,720
1982	16,000	14,000	60	840	3.53	2,965
1983	12,000	10,000	70	700	3.65	2,555
1984	18,000	16,000	75	1,200	3.05	3,660
1985	17,000	15,000	70	1,050	2.91	3,056
1986	15,000	13,000	70	910	2.10	1,911

SPRING WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	1,600	1,300	70.0	91,000	1,200	1,000	75.0	75,000
Eureka	1,000	800	60.0	48,000	900	700	65.0	45,500
Humboldt	7,200	6,400	70.0	448,000	6,300	5,500	70.0	385,000
Lander	400	300	60.0	18,000	400	300	75.0	22,500
Lyon	1,100	900	65.0	58,500	1,000	800	75.0	60,000
Pershing	4,800	4,400	75.0	330,000	4,300	3,800	70.0	266,000
All Others	900	900	63.0	56,500	900	900	62.0	56,000
State Totals	17,000	15,000	70.0	1,050,000	15,000	13,000	70.0	910,000

BARLEY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1977	25,000	23,000	65	1,495	1.95	2,915
1978	30,000	27,000	60	1,620	2.19	3,548
1979	30,000	27,000	60	1,620	2.70	4,374
1980	31,000	28,000	70	1,960	3.15	6,174
1981	33,000	30,000	55	1,650	2.79	4,604
1982	35,000	32,000	80	2,560	2.43	6,221
1983	37,000	34,000	80	2,720	2.90	7,888
1984	40,000	37,000	90	3,330	2.55	8,492
1985	40,000	37,000	80	2,960	2.15	6,364
1986	36,000	33,000	90	2,970	1.85	5,495

BARLEY: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985				1986			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	4,100	3,800	75.0	285,000	3,800	3,400	85.0	289,000
Eureka	3,600	3,200	70.0	224,000	3,100	2,700	85.0	229,500
Humboldt	18,500	18,100	85.0	1,538,500	16,600	16,000	95.0	1,520,000
Lander	1,200	1,000	60.0	60,000	1,100	900	75.0	67,500
Lyon	3,600	3,200	80.0	256,000	3,200	2,900	85.0	246,500
Pershing	3,100	2,800	85.0	238,000	2,900	2,500	100.0	250,000
Washoe	900	700	70.0	49,000	800	700	80.0	56,000
White Pine	1,200	1,000	70.0	70,000	1,000	800	85.0	68,000
All Others	3,800	3,200	75.0	239,500	3,500	3,100	79.0	243,500
State Totals	40,000	37,000	80.0	2,960,000	36,000	33,000	90.0	2,970,000

HAY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	All Hay					Alfalfa Hay 1/		
	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production	Acres Harvested	Yield Per Acre	Production
		Tons	Thou. Tons	Dollars	Thou. Dols.		Tons	Thou. Tons
1977	445	2.16	963	55.00	48,345	205	3.35	687
1978	480	2.26	1,084	52.50	56,910	220	3.45	759
1979	495	2.18	1,081	82.00	88,642	215	3.40	731
1980	500	2.19	1,095	90.50	99,098	215	3.50	753
1981	470	2.30	1,081	70.00	73,220	220	3.55	781
1982	510	2.45	1,249	86.50	108,039	225	3.65	821
1983	530	2.46	1,302	91.00	118,482	230	3.90	897
1984	525	2.56	1,346	75.00	100,950	235	4.00	940
1985	495	2.63	1,302	80.50	104,811	235	4.10	964
1986	520	2.65	1,376	74.00	101,824	240	4.10	984

1/ Alfalfa Hay Season Average Price and Value of Production are not available.

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA, 1985

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill	32,000	4.60	147,200	3,000	1.70	5,100	152,300
Douglas	7,000	3.40	23,800	7,000	1.60	11,200	35,000
Humboldt	38,000	4.30	163,400	46,200	1.10	50,820	214,220
Lyon	34,000	4.20	142,800	5,000	1.60	8,000	150,800
Carson City	400	3.80	1,520	300	1.40	420	1,940
Pershing	17,000	4.50	76,500	2,000	1.60	3,200	79,700
Storey	100	3.80	380	100	1.10	110	490
Washoe	11,000	4.20	46,200	8,000	1.90	15,200	61,400
District 1	139,500	4.31	601,800	71,600	1.31	94,050	695,850
Elko	27,000	3.80	102,600	153,800	1.25	192,250	294,850
Eureka	18,000	3.60	64,800	9,000	1.60	14,400	79,200
Lander	10,000	4.10	41,000	13,000	1.30	16,900	57,900
White Pine	12,000	2.80	33,600	4,800	1.50	7,200	40,800
District 3	67,000	3.61	242,000	180,600	1.28	230,750	472,750
Clark	6,000	5.20	31,200	500	2.60	1,300	32,500
Esmeralda	6,000	4.10	24,600	300	1.20	360	24,960
Lincoln	5,500	3.80	20,900	800	1.30	1,040	21,940
Mineral	3,000	4.10	12,300	200	1.50	300	12,600
Nye	8,000	3.90	31,200	6,000	1.70	10,200	41,400
District 8	28,500	4.22	120,200	7,800	1.69	13,200	133,400
State Total	235,000	4.10	964,000	260,000	1.30	338,000	1,302,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA, 1986

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill	32,000	4.50	144,000	3,000	1.80	5,400	149,400
Douglas	7,000	3.90	27,300	8,000	1.70	13,600	40,900
Humboldt	38,000	4.10	155,800	47,000	1.25	58,750	214,550
Lyon	35,000	4.10	143,500	6,000	1.75	10,500	154,000
Carson City	300	4.00	1,200	300	1.40	420	1,620
Pershing	19,000	4.40	83,600	3,000	1.70	5,100	88,700
Storey	100	4.00	400	200	1.10	220	620
Washoe	11,000	4.30	47,300	9,000	2.00	18,000	65,300
District 1	142,400	4.24	603,100	76,500	1.46	111,990	715,090
Elko	27,000	3.10	83,700	164,400	1.35	221,940	305,640
Eureka	19,000	3.90	74,100	10,000	1.70	17,000	91,100
Lander	10,000	3.90	39,000	15,000	1.30	19,500	58,500
White Pine	12,000	3.70	44,400	5,000	1.50	7,500	51,900
District 3	68,000	3.55	241,200	194,400	1.37	265,940	507,140
Clark	6,000	5.10	30,600	500	2.60	1,300	31,900
Esmeralda	6,000	4.40	26,400	400	1.30	520	26,920
Lincoln	6,600	4.00	26,400	1,000	1.45	1,450	27,850
Mineral	3,000	4.10	12,300	200	1.50	300	12,600
Nye	8,000	5.50	44,000	7,000	1.50	10,500	54,500
District 8	29,600	4.72	139,700	9,100	1.55	14,070	153,770
State Total	204,000	4.10	984,000	280,000	1.40	392,000	1,376,000

POTATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Cwt.	Thou. Cwt.	Dol. Per Cwt.	Thousand Dollars
1977	14,000	14,000	340	4,760	2.90	13,804
1978	17,000	17,000	320	5,440	2.40	13,056
1979	15,000	15,000	330	4,950	2.75	13,613
1980	13,000	13,000	340	4,420	5.20	22,984
1981	12,000	12,000	290	3,480	4.90	17,052
1982	13,000	13,000	315	4,095	2.60	10,647
1983	12,000	12,000	310	3,720	5.70	21,204
1984	10,000	10,000	330	3,300	4.60	15,180
1985	9,000	9,000	345	3,105	2.80	8,694
1986	9,000	9,000	350	3,150	4.15	13,073

ONIONS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1981-86 1/

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Tons	Thou. Tons	Dol. Per Ton	Thousand Dollars
1981	2/	600	20	12,000	195.00	2,340
1982	2/	600	23	13,800	200.00	2,760
1983	2/	500	21	10,500	210.00	2,205
1984	2/	400	23	9,200	280.00	2,576
1985	2/	600	21	12,600	200.00	2,520
1986	2/	400	21	8,400	260.00	2,184

1/ Not official estimates.
2/ Not available.

GARLIC: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1981-86 1/

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Tons	Thou. Tons	Dol. Per Ton	Thousand Dollars
1981	2/	600	6.0	3.6	420.00	1,512
1982	2/	600	5.5	3.2	360.00	1,152
1983	2/	800	6.0	4.8	440.00	2,112
1984	2/	800	6.0	4.8	440.00	2,112
1985	2/	900	6.0	5.4	400.00	2,160
1986	2/	800	6.5	5.2	380.00	1,976

1/ Not official estimates.
2/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-86

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Pounds	Thou. Lbs.	Dol. Per Lb.	Thousand Dollars
1977	1/	15,500	520	8,060	1.25	10,075
1978	1/	17,000	365	6,205	1.35	8,377
1979	1/	18,000	405	7,290	1.30	9,477
1980	1/	17,000	450	7,650	1.20	9,180
1981	1/	17,000	530	9,010	1.15	10,362
1982	1/	13,000	350	4,550	1.05	4,778
1983	1/	10,000	405	4,050	1.15	4,658
1984	1/	10,000	525	5,250	1.10	5,775
1985	1/	11,000	670	7,370	1.00	7,370
1986	1/	10,000	600	6,000	1.00	6,000

1/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, NEVADA, 1981-86

Year	Humboldt	Pershing	All Other 1/	Nevada Total
		Acreage Harvested		
		Acres		
1981	6,200	10,000	800	17,000
1982	4,500	8,000	500	13,000
1983	2,900	6,800	300	10,000
1984	2,700	7,000	300	10,000
1985	2,500	8,300	200	11,000
1986	2,500	7,300	200	10,000
		Yield Per Acre		
		Pounds		
1981	400	620	410	530
1982	300	380	320	350
1983	330	440	335	405
1984	450	560	385	525
1985	540	715	425	670
1986	410	670	425	600
		Production of Clean Seed		
		Thousand Pounds		
1981	2,480	6,200	330	9,010
1982	1,350	3,040	160	4,550
1983	955	2,995	100	4,050
1984	1,215	3,920	115	5,250
1985	1,350	5,935	85	7,370
1986	1,025	4,890	85	6,000

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine.

LIVESTOCK SUMMARY

Total cattle numbers in Nevada continued their downward trend. The January 1, 1987 inventory was down 10 percent from a year earlier. Beef cows totaled 266,000 head at the beginning of 1987--down 12 percent from the preceding year. Milk cows held steady during the year. Beef replacement heifers decreased 12 percent from the previous year, but milk replacement heifers jumped 33 percent. Steers 500 lbs+ dropped 12 percent and calves under 500 lbs decreased 11 percent. About 260,000 calves were born on Nevada ranches and farms during 1986, down 4 percent from 1985.

Sheep and lamb numbers reversed a downward trend and registered a 6 percent increase from a year earlier. Stock sheep were estimated at 86,000 head at the beginning of the year. Ewe lambs jumped 40 percent and ewes one year old and older increased 6 percent. Lambs saved during 1986 increased 1 percent from the previous year.

Hogs and pigs on December 1, 1986 were down 7 percent from a year earlier.

LIVESTOCK ON FARMS, JANUARY 1, 1985-87 1/

Species	Nevada				United States			
	1985	1986	1987	87 as % of 86	1985	1986	1987	87 as % of 86
	Thousand Head			Pct.	Thousand Head			Pct.
Cattle and Calves. .	620	610	550	90	109,749	105,468	102,031	97
Cows That Calved. .	325	320	285	90	46,174	44,810	44,457	99
Beef Cows.	307	301	266	88	35,370	33,633	33,910	101
Milk Cows.	18	19	19	100	10,805	11,177	10,547	94
Heifers 500 lbs+. .	63	290	265	91	18,358	18,000	17,037	95
Beef Repl.	43	41	36	88	5,542	5,149	5,154	100
Milk Repl.	6	6	8	133	4,760	4,761	4,335	91
Other Heifers. . .	14	14	16	114	8,056	8,090	7,548	93
Steers 500 lbs+ . .	43	43	38	88	16,369	15,967	15,249	96
Bulls 500 lbs+. . .	17	16	15	94	2,411	2,261	2,204	97
Calves Under 500 lbs	172	170	152	89	26,436	24,431	23,084	94
Sheep and Lambs. . .	100	81	86	106	10,442.7	9,983.1	10,327.5	103
On Feed	10	3	--	--	1,596.0	1,492.0	1,504.0	101
Stock Sheep	90	78	86	110	8,846.7	8,491.1	8,823.5	104
Lambs	13	11	15	136	1,299.7	1,365.1	1,662.9	122
Ewes	12	10	14	140	1,015.8	1,047.5	1,296.2	124
Wethers & Rams . .	1	1	1	100	283.9	317.6	366.7	115
One Year and Older.	77	67	71	106	7,547.0	7,126.0	7,160.6	100
Ewes	75	65	69	106	7,233.4	6,816.5	6,840.9	100
Wethers & Rams . .	2	2	2	100	313.6	309.5	319.7	103
Hogs and Pigs 2/. .	13	15	14	93	54,073.0	52,313.0	50,960.0	97

1/ Sum of classes may not add to total due to rounding.
2/ December 1, preceding year.

FARM VALUES

Inventory numbers were below last year for cattle, calves, hogs and pigs, but up for sheep and lambs. Per head values were up for all livestock species. Total inventory value at $215 million was 6 percent below a year earlier. Higher per head values for cattle and hogs were not enough to offset the smaller inventories for these two species.

LIVESTOCK: VALUE PER HEAD AND TOTAL VALUE, NEVADA, JANUARY 1, 1985-87

Species	Value Per Head			Total Value		
	1985	1986	1987	1985	1986	1987
	Dollars			Thousand Dollars		
Cattle and Calves.	355.00	360.00	375.00	220,100	219,600	206,250
Sheep and Lambs. .	76.00	86.50	91.00	7,600	7,007	7,826
Hogs and Pigs 1/.	90.00	86.50	88.00	1,170	1,298	1,232
Total 3 Species .	--	--	--	228,870	227,905	215,308

1/ December 1, preceding year.

Data in the following table relate to the condition of the pastures and ranges near the first of each month and are expressed as a percentage of normal. Normal, in this case, equals 100. Since range grasses in Nevada are ordinarily not irrigated, the amount of grazing available each year is dependent upon snow melt in spring and infrequent showers during the summer and fall months. The table shows years of drought conditions which occurred in 1972, 1974, 1976, 1977, 1981, 1985, and again in 1986.

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA, 1968-87

Year	April	May	June	July	August	September	October	November	December
1968	84	78	81	79	76	81	83	77	*
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102	102	105	**
1984	88	95	84	89	88	95	96	105	**
1985	87	85	77	70	60	69	66	72	**
1986	**	89	87	83	83	70	72	72	**
1987	**	58	79	79	75	69			

* Data not available prior to 1972.
** Discontinued.

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1987 were estimated at 24,000 head--8 percent less than the preceding year but well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED ON JANUARY 1, NEVADA, 1984-87

Item	1984	1985	1986	1987	1987 as % of 1986
	Thousand Head				Percent
Number on feed for slaughter market	27	25	26	24	92

CATTLE AND CALVES: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1982-87

COUNTY	1982	1983	1984	1985	1986	1987
	Number of Head					
Carson City	1,300	1,200	1,200	1,200	1,200	1,200
Churchill	77,000	78,000	75,000	68,000	65,000	50,000
Douglas	22,000	22,000	22,000	19,000	18,000	17,000
Humboldt	90,000	75,000	74,000	69,000	68,000	63,000
Lyon	60,000	60,000	59,000	51,000	48,000	41,000
Pershing	32,000	29,000	30,000	27,000	26,000	24,000
Storey	100	100	100	100	100	100
Washoe	38,000	34,000	34,000	32,000	33,000	30,000
District 1	320,400	299,300	295,300	267,300	259,300	226,300
Elko	210,000	195,000	190,000	180,000	178,000	170,000
Eureka	41,000	39,000	39,000	38,000	37,000	25,000
Lander	25,000	24,000	28,000	28,000	29,000	27,000
White Pine	32,000	30,000	32,000	31,000	30,000	28,000
District 3	308,000	288,000	289,000	277,000	274,000	250,000
Clark	13,000	10,000	17,000	17,000	16,000	15,000
Esmeralda	5,600	5,000	9,000	11,000	12,000	12,000
Lincoln	19,000	16,700	20,000	19,000	20,000	19,000
Mineral	4,000	4,000	4,700	4,700	4,700	4,700
Nye	30,000	27,000	25,000	24,000	24,000	23,000
District 8	71,600	62,700	75,700	75,700	76,700	73,700
Nevada	700,000	650,000	660,000	620,000	610,000	550,000

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	All Cattle Jan. 1	Calves Born	Inship-ments	Marketings		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
	Thousand Head							
1977	611	250	44	170	117	5	11	17
1978	585	245	40	159	107	5	9	15
1979	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
1981	640	290	30	134	92	5	11	18
1982	700	290	20	193	131	5	11	20
1983	650	295	25	162	109	5	12	22
1984	660	285	20	185	125	5	10	20
1985	620	270	25	151	120	5	10	19
1986	610	260	15	188	115	5	9	18
1987	550							

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1977	171,535	214,437	61,462	76,553	2,265	78,818
1978	173,310	199,507	88,511	101,376	3,317	104,693
1979	184,905	190,190	125,655	128,348	4,100	132,448
1980	198,185	190,050	126,602	120,864	3,464	124,328
1981	197,965	168,010	105,697	89,395	2,932	92,327
1982	209,305	262,015	100,572	124,001	2,154	126,155
1983	224,850	230,725	105,830	107,689	2,875	110,564
1984	219,110	258,425	105,263	123,418	2,392	125,810
1985	194,060	214,430	92,836	101,753	2,361	104,114
1986	199,625	249,875	96,094	119,670	2,399	122,069

1/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS

The number of sheep and lambs which have been steadily declining during the past 5 years finally reversed its downward trend. The January 1, 1987 inventory at 86,000 head was 6 percent above the number on hand a year ago. Wool production in 1986 is estimated at 760,000 pounds, grease basis, 5 percent below a year ago. Sheep shorn during 1986 at 76,000 head were 3 percent below the number shorn the previous year. Fleece weight at 10.0 pounds per head was down slightly from 1985.

Wool prices improved and averaged six cents a pound more than the previous year.

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inshipments	Marketings: Sheep	Marketings: Lambs	Farm Slaughter	Deaths: Sheep	Deaths: Lambs
				Thousand Head				
1977	133	96	69	7	130	3	10	23
1978	125	96	68	8	121	3	13	19
1979	125	94	68	12	124	3	10	16
1980	122	93	68	6	110	3	9	21
1981	134	97	140	13	199	3	10	17
1982	129	92	159	18	221	3	10	18
1983	110	85	190	15	241	3	7	16
1984	103	83	164	7	215	3	8	17
1985	100	72	41	17	92	3	6	14
1986	81	73	2	2	43	3	7	15
1987	86							

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1977	7,121	12,224	3,162	5,599	101	5,700
1978	7,460	11,804	4,106	6,453	134	6,587
1979	6,230	12,495	3,495	7,112	132	7,244
1980	7,730	12,210	4,151	7,122	129	7,251
1981	9,395	22,325	4,688	11,499	118	11,617
1982	8,925	25,185	3,615	10,228	93	10,321
1983	11,830	29,655	4,566	11,497	85	11,582
1984	10,775	25,625	5,372	12,937	110	13,047
1985	7,085	12,780	3,747	6,461	123	6,584
1986	5,721	5,046	3,652	3,333	150	3,483

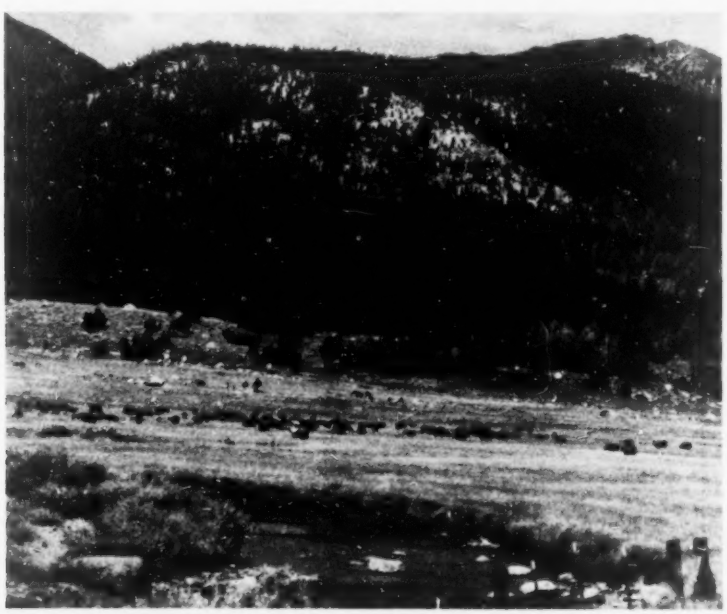
1/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1982-87

County	1982	1983	1984	1985	1986	1987
Carson City.	2,000	1,500	2,800	2,800	3,000	3,000
Churchill. .	2,000	1,500	2,000	4,000	4,000	5,000
Douglas. . .	8,000	6,000	9,000	9,000	7,000	7,000
Elko	40,000	37,000	34,000	31,000	22,000	22,000
Eureka . . .	7,000	5,000	3,000	3,000	4,000	4,000
Humboldt . .	5,000	4,000	5,000	5,000	4,000	6,000
Lander . . .	5,000	4,000	4,000	4,000	4,000	4,000
Lyon	14,000	13,000	10,000	9,000	6,000	6,000
Nye.	4,000	3,000	2,000	2,000	2,000	2,000
Pershing . .	13,000	10,000	11,000	11,000	7,000	9,000
Washoe . . .	3,500	2,500	1,500	1,500	3,000	2,000
White Pine .	25,000	22,000	18,000	17,000	14,000	15,000
All Other. .	500	500	700	700	1,000	1,000
State Total.	129,000	110,000	103,000	100,000	81,000	86,000

WOOL PRODUCTION AND VALUE, NEVADA, 1977-86

Year	Sheep Shorn	Weight Per Fleece	Wool Production	Price Per Pound	Value
	Thousand Head	Pounds	Thousand Lb.	Cents	Thou. Dol.
1977.	110	10.2	1,122	63	707
1978.	102	10.4	1,061	69	732
1979.	100	10.3	1,030	84	865
1980.	108	10.0	1,080	88	950
1981.	112	10.0	1,120	97	1,086
1982.	104	9.8	1,019	67	683
1983.	95	10.2	969	64	620
1984.	84	10.0	840	89	748
1985.	78	10.2	796	62	494
1986.	76	10.0	760	68	517



HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1977-86

Year	Hogs & Pigs Dec 1 1/	Pig Crop Dec-May 1/	Pig Crop Jun-Nov	Inshipments	Marketings	Farm Slaughter	Deaths
			Number of Head				
1977	8,000	7,700	7,500	100	12,700	900	700
1978	9,000	8,900	7,000	100	13,200	1,000	800
1979	10,000	9,800	8,400	100	15,300	1,000	1,000
1980	11,000	9,100	9,000	100	15,200	1,000	1,000
1981	12,000	9,100	9,100	---	15,200	1,000	1,000
1982	13,000	9,100	10,000	---	16,800	500	800
1983	14,000	11,000	11,000	---	20,700	400	900
1984	14,000	12,000	10,000	---	21,800	300	900
1985	13,000	10,000	12,000	---	18,800	200	1,000
1986	15,000	10,000	11,000	---	20,800	200	1,000
1987	14,000						

1/ December 1 of preceding year.

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA, 1977-86

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	Thousand Pounds		Thousand Dollars			
1977	3,125	2,653	1,297	1,105	128	1,233
1978	3,385	2,913	1,680	1,451	169	1,620
1979	3,888	3,346	1,613	1,391	142	1,533
1980	3,578	3,322	1,404	1,307	134	1,441
1981	3,979	3,322	1,303	1,091	111	1,202
1982	3,813	3,596	1,669	1,577	75	1,652
1983	4,467	4,399	1,792	1,765	74	1,839
1984	4,688	4,566	1,658	1,616	49	1,665
1985	4,151	3,929	1,414	1,339	32	1,371
1986	4,288	4,171	1,824	1,774	40	1,814

HONEY BEE COLONIES, HONEY AND BEESWAX PRODUCTION VALUE OF PRODUCTION, NEVADA, 1974-82

Year	Colonies	Pounds Honey Produced Per Colony	Pounds Honey Produced Total Thou. Pounds	Beeswax Produced	Value of Production Honey Dollars Per Pound	Value of Production Honey Total Thou. Dollars	Value of Production Beeswax Dollars Per Pound	Value of Production Beeswax Total Thous. Dollars	Honey Stocks Dec 15
	Thousand			Thousand Pounds					Thousand Pounds
1974	7	100	700	12	.502	551	1.23	15	35
1975	8	55	440	6	.580	255	1.10	7	132
1976	9	55	495	7	.533	264	1.15	8	20
1977	10	55	550	9	.572	315	1.75	16	193
1978	9	40	360	6	.602	217	1.85	11	108
1979	12	35	420	6	.603	253	1.89	11	105
1980	11	60	660	13	.720	475	1.67	22	231
1981	12	35	420	7	.750	315	1.90	13	88
1982	Discontinued								

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants decreased 23 percent during 1986. Declines occurred throughout the year. Cattle accounted for 5.2 million pounds or 86 percent of the total--2 percent less than a year earlier. These estimates include slaughter in Nevada's 6 federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1982-86

Species and Year	Head	Liveweight		Species and Year	Head	Liveweight	
		Average	Total			Average	Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1982	4,900	1,109	5,434	1982	2,800	115	321
1983	6,200	1,172	7,231	1983	3,000	116	350
1984	7,200	1,142	8,183	1984	2,700	113	311
1985	6,400	1,067	6,870	1985	2,500	113	284
1986	4,700	1,112	5,201	1986	2,400	122	292
Calves				Hogs			
1982	100	386	19	1982	3,300	227	754
1983	---	---	--	1983	3,300	229	758
1984	100	374	34	1984	3,500	213	747
1985	---	---	--	1985	3,100	215	660
1986	---	---	--	1986	2,700	205	556

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA, 1986 1/

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species Total Liveweight
	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	
	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	Thou. Lb.
January	600	737	---	-----	100	11	400	64	812
February	500	523	---	-----	100	8	200	32	563
March	500	592	---	-----	---	--	200	43	635
April	500	577	---	-----	---	--	200	43	620
May	500	619	---	-----	300	37	400	80	736
June	400	488	---	-----	300	34	100	33	555
July	400	376	---	-----	400	52	300	53	481
August	300	291	---	-----	300	36	200	36	363
September	300	343	---	-----	400	44	200	34	421
October	200	190	---	-----	200	23	200	47	260
November	200	204	---	-----	100	17	100	31	252
December	300	261	---	-----	200	22	300	61	344
Total	4,700	5,201			2,400	292	2,700	556	6,049

1/ Total may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but data are included in annual totals.

DAIRY SUMMARY

Milk produced on Nevada's farms and ranches during 1986 was estimated at 274 million pounds--up 3 percent from a year earlier.

Of the 274 million pounds produced 269 million pounds (milk equivalent for cream included) was marketed and the remaining 5 million pounds was utilized on farms and ranches where produced. Cash receipts for milk and cream marketings totaled $32.8 million, down 2 percent from 1985. Producers received an average $12.20 per cwt. for fluid milk marketed in 1986 compared with $12.80 in 1985.

Ice cream production in 1986 totaled 1,365,000 gallons--down 7 percent from a year earlier. Ice milk production, at the 1,628,000 gallon level, was down 1 percent and sherbet at 73,000 gallons was down 14 percent from the 1985 output.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1977-86

Year	Milk Production	Value of Production	Utilization of Milk: Farm Uses	Utilization of Milk: Sold 1/	Marketing Receipts: Per Lb. Milk Fat	Marketing Receipts: Cash Receipts
	Mil. Lbs.	Thou. Dols.	Million Pounds	Million Pounds	Dollars	Thou. Dols.
1977	198	19,404	5	193	2.83	18,906
1978	187	19,560	5	182	2.98	19,033
1979	199	22,885	5	194	3.34	22,310
1980	219	27,813	5	214	3.62	27,178
1981	223	29,882	5	218	3.79	29,212
1982	225	29,925	5	220	3.73	29,260
1983	237	31,758	5	232	3.81	31,088
1984	251	33,885	5	246	3.78	33,210
1985	266	34,048	5	261	3.52	33,408
1986	274	33,428	5	269	3.36	32,818

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTER, 1984-86

Quarter	Cows Milked 1/			Milk Per Cow 2/			Milk Production 2/		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Thousands			Pounds			Million Pounds		
Jan-Mar	17.5	18.5	19.0	3,455	3,345	3,500	60.5	61.9	66.5
Apr-Jun	17.7	18.7	19.0	3,665	3,625	3,640	64.9	67.8	69.2
Jul-Sep	17.9	18.9	19.0	3,565	3,700	3,755	63.8	69.9	71.3
Oct-Dec	18.0	19.0	19.0	3,435	3,495	3,525	61.8	66.4	67.0
Annual	17.8	18.8	19.0	14,101	14,149	14,421	251.0	266.0	274.0

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.

ALL MILK PRICE AND AVERAGE FAT TEST OF MILK SOLD BY FARMERS, BY MONTHS, NEVADA, 1984-1986

Month	All Milk Price Per Cwt.			Fat Test Of Milk Sold		
	1984	1985	1986	1984	1985	1986
	Dollars			Percent		
January	14.00	14.00	12.50	3.72	3.81	3.76
February	13.65	13.75	12.35	3.64	3.74	3.72
March	13.60	13.45	12.05	3.61	3.68	3.68
April	13.45	13.00	11.90	3.56	3.62	3.59
May	13.10	12.65	11.80	3.45	3.52	3.49
June	13.00	12.35	11.75	3.40	3.46	3.44
July	12.70	12.30	11.80	3.32	3.43	3.45
August	13.15	12.15	11.90	3.43	3.50	3.47
September	13.45	12.70	12.30	3.53	3.63	3.60
October	13.60	12.40	12.80	3.72	3.71	3.74
November	14.00	12.60	12.80	3.82	3.78	3.82
December	14.10	12.65	12.90	3.85	3.81	3.82
Annual	13.50	12.80	12.20	3.57	3.64	3.63

QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, BY MONTHS, NEVADA, 1984-1986

Month	Dairy Products Manufactured 1/					
	Ice Cream 2/			Ice Milk 2/		
	1984	1985	1986	1984	1985	1986
	Thousand Gallons					
January	100	113	111	88	104	108
February	115	109	98	101	100	97
March	129	125	121	113	127	121
April	114	134	109	116	133	126
May	130	133	119	130	157	132
June	132	141	131	140	153	149
July	160	152	138	160	173	157
August	153	138	140	156	164	166
September	119	112	112	122	131	130
October	122	119	103	119	127	136
November	107	101	90	121	131	139
December	92	95	93	117	150	167
Annual	1,473	1,472	1,365	1,483	1,650	1,628

1/ Sherbet production on annual basis: 1984-84,000 gallons; 1985-85,000 gallons; 1986-73,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed.

2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA, 1985-86

County	1985			1986		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill	6,100	14,100	86.0	6,200	14,200	88.0
Clark	6,800	13,800	93.8	6,700	14,500	97.2
Douglas	2,600	15,000	39.0	2,500	15,000	37.5
Lyon	1,800	14,900	26.8	1,900	14,900	28.3
Washoe	600	14,000	8.4	600	13,800	8.3
All Others	900	13,300	12.0	1,100	13,400	14.7
State Total	18,800	14,149	266.0	19,000	14,421	274.0

CHICKEN AND EGGS

Total chickens on Nevada farms and ranches were estimated at 17,000 birds on December 1, 1986. This was unchanged from a year earlier but 31 percent above the December 1, 1983 level. Of the total chickens, 12,000 birds were of laying age on December 1, 1986.

Total value of chickens in Nevada on December 1, 1986 came to $49,000 which was up 11 percent from a year earlier. Value per bird, at $2.90, was up 30 cents from a year ago.

CHICKENS ON FARMS, DECEMBER 1, 1984-86 1/

Species	Nevada				United States			
	1984	1985	1986	86 as % of 85	1984	1985	1986	86 as % of 85
	Thousand Head			Percent	Thousand Head			Percent
Total Chickens	17	17	17	100	374,008	368,548	368,681	100
Laying Age .	12	12	12	100	285,848	279,769	280,140	100
Hens. . . .	9	10	10	100	119,243	130,623	124,840	96
Pullets . .	3	2	2	100	166,605	149,146	155,300	104
All Others. .	5	5	5	100	88,160	88,779	88,541	100

1/ Excludes Commercial Broilers.

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1984-86 1/

Value	Nevada			United States		
	1984	1985	1986	1984	1985	1986
Per Head . . .	2.70	2.60	2.90	2.02	1.90	1.87
Total Thou. Dol	46	44	49	754,312	700,150	690,165

1/ Excludes Commercial Broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA, 1984-86

Quarter	Layers			Eggs Per 100 Layers 1/			Total Production		
	1984	1985	1986	1984	1985	1986	1984	1985	1986
	Thousands			Number			Thousands		
Dec. 2/ - Feb	10.0	12.0	12.0	4,095	3,825	4,500	410	459	540
March - May	11.0	12.0	12.0	5,060	4,600	5,290	557	552	635
June - Aug	12.0	12.0	12.0	5,520	5,290	5,060	662	635	607
Sept - Nov	12.0	12.0	12.0	4,778	4,550	4,185	573	546	502
Total 3/. .	11.3	12.0	12.0	195	183	190	2,202	2,192	2,284

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1984-86

Year	Eggs Produced	Home Consumption	Eggs Sold	Price Per Dozen	Cash Receipts	Value of Home Consumption	Gross Income
	Million Eggs			Cents	Thousand Dollars		
1984 .	2.3	.8	1.5	49.2	62	33	95
1985 .	2.2	4/	4/	42.5	4/	4/	78
1986 .	2.2	4/	4/	49.1	4/	4/	90

4/ Discontinued after 1984.

PRICES RECEIVED FOR SPECIFIED PRODUCTS: BY MONTHS, NEVADA, 1983-86

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Beef Cattle						
						(Dollars Per Cwt)						
1983	41.60	48.20	51.20	47.30	45.20	43.80	42.20	43.50	40.30	41.70	39.50	39.00
1984	44.40	46.60	45.70	44.80	40.80	45.20	44.70	44.70	45.10	39.60	34.20	43.00
1985	45.20	49.60	47.50	46.70	47.30	44.50	41.00	40.80	41.50	42.00	42.40	42.80
1986	44.00	46.00	44.30	41.30	40.40	39.70	41.90	43.10	47.00	48.60	46.00	48.80
						Steers and Heifers						
1983	53.70	57.80	59.50	58.40	56.80	54.20	50.60	50.20	49.10	52.90	51.50	47.60
1984	58.10	56.10	55.90	53.10	51.30	56.10	52.60	52.30	55.00	52.70	52.80	55.10
1985	52.30	56.60	53.70	53.60	54.90	51.00	46.20	45.80	47.10	49.40	50.50	50.40
1986	51.60	51.20	50.30	48.00	45.40	42.00	47.80	47.80	54.00	55.30	52.70	55.60
						Cows						
1983	32.70	38.70	43.30	41.10	41.50	39.40	38.50	38.50	36.90	33.10	32.60	32.60
1984	33.60	37.30	38.90	39.80	37.50	38.40	42.10	38.40	36.40	34.20	26.90	35.00
1985	34.60	39.10	38.10	36.40	36.00	34.80	33.10	33.20	33.00	30.90	30.20	31.40
1986	29.80	36.40	33.10	28.80	31.10	35.30	31.00	34.40	34.10	36.20	33.40	36.10
						Calves						
1983	60.10	63.90	66.90	65.50	63.90	60.40	55.00	56.40	53.40	58.00	57.30	62.00
1984	61.60	58.60	60.50	62.50	59.70	56.40	57.40	54.80	58.20	61.40	58.50	58.80
1985	56.80	58.70	61.00	68.30	64.60	61.40	54.20	56.30	60.90	56.40	57.60	56.20
1986	49.40	60.60	57.90	59.70	50.90	51.10	50.20	51.00	62.30	63.50	58.20	66.50
						Sheep						
1983	12.30	12.80	14.20	25.00	16.60	8.40	7.60	6.30	7.20	7.00	10.70	7.60
1984	18.30	17.10	20.30	20.00	11.40	9.00	15.30	12.10	11.20	15.90	14.50	22.90
1985	17.50	18.30	15.00	14.60	14.50	14.50	16.80	16.80	15.90	14.10	19.30	18.30
1986	22.50	16.80	18.10	19.10	16.40	21.30	20.80	22.70	27.10	26.00	26.10	22.30
						Lambs						
1983	35.30	35.90	42.50	46.50	36.70	45.00	34.60	30.80	34.40	38.70	44.30	46.10
1984	47.00	45.60	39.40	40.70	1/	52.90	48.30	54.70	50.00	56.80	55.90	53.30
1985	50.70	48.00	47.70	59.00	57.90	63.90	58.50	62.20	57.40	57.50	55.60	57.40
1986	55.30	47.10	53.20	48.70	67.10	66.40	64.40	59.00	57.00	53.10	64.20	68.60
						Alfalfa Hay						
						(Dollars Per Ton)						
1983	92.00	94.00	93.00	92.00	97.00	94.00	98.00	97.00	99.00	99.00	99.00	99.00
1984	95.00	98.00	95.00	90.00	80.00	80.00	84.00	75.00	70.00	70.00	75.00	80.00
1985	85.00	87.00	90.00	90.00	95.00	85.00	80.00	82.00	82.00	84.00	86.00	86.00
1986	90.00	90.00	90.00	90.00	80.00	80.00	82.00	82.00	78.00	78.00	80.00	81.00
						Other Hay						
1983	77.00	75.00	74.00	70.00	80.00	75.00	79.00	78.00	80.00	75.00	75.00	75.00
1984	75.00	78.00	75.00	70.00	60.00	62.00	64.00	55.00	55.00	55.00	65.00	60.00
1985	65.00	67.00	70.00	70.00	75.00	65.00	60.00	62.00	62.00	64.00	66.00	66.00
1986	70.00	70.00	70.00	70.00	60.00	60.00	62.00	62.00	58.00	58.00	58.00	60.00
						All Hay						
1983	87.00	88.00	87.00	85.00	92.00	88.00	92.00	91.00	93.00	92.00	92.00	92.00
1984	89.00	92.00	89.00	84.00	74.00	74.00	78.00	69.00	65.00	65.00	72.00	74.00
1985	79.00	81.00	84.00	84.00	89.00	79.00	74.00	76.00	76.00	78.00	80.00	80.00
1986	84.00	84.00	84.00	84.00	74.00	74.00	76.00	76.00	72.00	72.00	73.00	75.00

1/ Insufficient sales to establish price.

NEVADA STATE DEPARTMENT OF AGRICULTURE
1986 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1986 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by this Department or the National Agricultural Statistics Service.

Pesticide Use (Aerial Application) 1986

ALFALFA HAY
(79,575.9 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Cygon	1 PT	205
	Dibrom	1 PT	334
	Dimethoate	1 PT	20
	Dimethoate	1.5 PT	7,387
	Disyston	12 1B	20
	Furadan	3/4 PT	1,425
	Furadan/Methyl Parathion	1 PT/1/2 PT	274
	Furadan/Systox	1 PT/1/6 PT	622
	Methyl Parathion	3/4 PT	80
	Malathion	1 1/2 PT	135
	Maled	1 PT	70
	Parathion	6 OZ	110
	Parathion	1/2 PT	320
	Parathion	1 PT	427
	Penncap M	2 PTS	1,300
	Supracide ZE	3 PTS	150
	Systox	1/6 PT	4,327
	Systox	1/3 PT	1,001.7
	Thiodan	1 QT	20
	Thionspray	3/8 PT	171.2
	Thionspray	1 PT	71
	Thiosulfan	1 QT	70
Aphid/Weevil	Furadan	1/2 PT	442
	Furadan/Dimethoate	1/2 PT 1 1/2 PT	5,319
	Methyl Parathion	1/2 PT	226
	Methyl Parathion	12 OZ	2,338
	Parathion	6 OZ	1,043
	Parathion	1 PT	80
	Parathion/Furadan	1 PT/1/2 PT	1,963.5
Aphids/Mites	Parathion	1 PT	105
Army Worm	Lorsban	2 PT	38

ALFALFA HAY, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Butyrac 200	3 QT	21
	Vertac	1 PT	127
	2,4-DB	3 PT	296
		4 PT	229
Clean Up	Malathion	1 1/2 PT	115
Dodder	CIPC	20 LB	30
Grasses/Winter Annuals	Paraquat	1 1/2 PTS	151
	Paraquat	2 PTS	160
	Paraquat	3 PTS	525
	Treflan	10 LBS	40
	Velpar	1 PT	1,128.2
		1 1/2 PT	295
Grasshoppers	Parathion	3/8 PT	90
	Parathion	1/2 PT	840
	Parathion	2/3 PT	6,940
	Parathion	7/10 PT	575
	Parathion	3/4 PT	220
	Parathion	1 PT	90
	Sevin	1 1/2 PTS	150
		2 PTS	
Mosquitos	Dibrom	3/4 OZ	5,440
Volunteer Grain Weeds	Kerb 50W	1 1/2 LB	50
	Butoxone Ester	2 1/2 PTS	40
		3 PTS	208
		4 PTS	30
Weevil (Alfalfa)	Cythion	4/5 PT	62
	Dimethoate	1 PT	23
	Furadan	1/2 PT	6,125
		3/4 PT	5,847
		1 PT	8,334
		1 QT	820
	Malathion	1 1/2 PTS	1,325
	Parathion	3/4 PT	354
	Parathion	1 PT	4820.30
	Parathion/Furadan	1 PT/1/2 PT	381
	Thimet 20G	9.8 LB	120
	Thionspray 84	3/8 PT	2,562
	Thionspray 84	1/2 PT	80
	Vegethion	3/4 PT	788

ALFALFA HAY/OATS
(150 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Butoxone Ester	3 PTS	150

ALFALFA SEED
(29,027.50 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1 1/2 PTS	40
	Mevinphos	3/4 PT	100
	Metasystox R	2 PTS	307.4
	Phosdrin	1/2 PT	150
	Phosdrin	3/4 PT	40
	SPUR (SLN)	9 OZ	670
	Supracide	3 PTS	62
	Systox	1/3 PT	300.8
Aphids (Spotted)	Thiosulfan	1 1/2 PTS	160
	Thiosulfan/Malathion	1 1/2 PTS	
		1 1/2 PTS	160
Aphid/Lygus	Dimethoate	2 PTS	15
	Furadan/Systox	1 QT/1/3 PT	93
	Furadan/Systox	1 QT/60 OZ	550
	Lorsban/Systox	2 PT/1 PT	126
	Methyl Parathion/ Systox	1/2 PT/1 PT	129
	Spur (Special Local Need)	9.6 OZ	753.10
	Supracide	3 PTS	185
	Supracide	2 QTS	148
	Supracide/Systox	2 QT/6 OZ	550
	Supracide/Systox	3 QT	
		1 1/2 PTS	2,216
	Thiodan	9 OZ	1,425
		1 QT	130
Alfalfa Weevil	Furadan	1 PT	1,540.5
		2 PT	40
Alfalfa Weevil/Aphids	Supracide	3 PT	40
Broadleaf Weeds	Butoxone	3 PTS	518
		4 PTS	126
Clean Up	Thiodan	1 QT	785
Defoliation	Clean Crop	3 PTS	313
	Contact	3 PTS	18
	Des-I-Cate	5 QTS	72
	Dinitro	3 PTS	423
	Dynamyte 5	3 PTS	184
	Vertac	3 PTS	610.7
Dodder	CHLORO IPC (Furloe)	15 LB	206
		17 LB	15
		20 LB	4,354
		25 LB	1,956
		30 LB	1,056
General Weeds	Treflan Granuales	20 LB	132
	Velpar	2 PTS	258
Lygus	Dibrom	3/4 PTS	33
	Dibrom	1 PT	538
	Dylox	1 1/2 PTS	80
	Mevinphos	1 PT	130
	Naled	1 PT	372

ALFALFA SEED, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Lygus	Phosdrin	13 OZ	294.5
	Phosdrin	1 PT	303
	Phosdrin	3 PT	2,787.10
	Supracide	2 PTS	19
	Supracide	3 PTS	34
	Thiodan	2 QTS	1,100
Mites	Comite	1 1/2 PTS	553.7
	Comite	1 1/2 PTS	127.7
	Comite	1 QT	812
	Diazinon	1 PT	13
	Dicofol	1 QT	40
	Kelthane	1 1/2 QT	258
	Liquid Sulfur	1 PT	575

BARLEY
(4,826.50 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1 1/2 PTS	25
	Disyston	1 PT	236.9
	Parathion	3/8 PTS	241
	Systox	1/3 PTS	742.5
		1 PT	80.6
Grasshoppers	Toxaphene	1 1/2 PTS	318
Weeds	Banvel	1/4 PT	411.5
	Butoxone	3 PTS	75
	Vertac	1 PT	212
	Vertac	2 PTS	480
	Weed Out	1 PT	200
	2,4-D	1 QT	1,404
Weevil	Methyl Parathion	1/2 PT	260
		1 PT	140

BARLEY STUBBLE
(320 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Grasshoppers	Dimethoate	1 1/2 PTS	320

CORN
(748 TOTAL ACRES TREATED)

Broadleaf Weeds	2,4-D	1/2 PTS	598
		1 1/2 PTS	150

CROPLAND (NON-IRRIGATED)
(9,100 TOTAL ACRES TREATED)

Mosquitos	Dibrome	3/4 OZ	6,500
	Parathion	1/10 LB	2,600

FALLOW
(421 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleafs/Sandbar	Brominal		200
Grass & Weeds	Roundup	2 QTS	65
Quackgrass	Esteron	2.5 LBS	70
	Poast	2.5 LBS	70
Tall Fescue	Roundup	2 PTS	5
Winter Weeds	Paraquat	3 PTS	11

GARLIC
(1,578 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Buctril	2 PTS	240
	Buctril	3 PTS	85
	2,4-D	2 QTS	82
Cutworm	Lorsban	1 PT	180
Grass & Other Weeds	Dacthal	6.5 LBS	110
	Paraquat	2 PTS	65
	Paraquat	3 PTS	548
	Roundup	2 QTS	65
Thrips	Phosdrin	.6 OZ	203

GENERAL
(+40,246 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
AphidS	Metasystox R	3 QTS	
Aphids/Lygus	Malathion	1 1/2 PTS	
		1 QT	
Aphids/Weevil	Metasystox R	1 QT	
Broadleafs	Banvel	4 OZ	
	2,4-D amine	1 PT	
Grasshoppers	Sevin	1 PT	40
Mites	Comite	3 QTS/3 PTS	
	Kelthane	12 QTS	
	Liquid Sulfur	1 QT	
Mosquitos	Baytex	1.4 OZ	2,900
	Malathion	1/2 LB	37,300
Weeds	Clean Crop	3/4 PT	
	Dual 8E	2 1/2 PTS	6.9
	Sencor	2 1/2 PTS	
	Vertac	2 PTS	
Weevil	Malathion	1 1/2 PTS	
	Metasystox R	2 QTS	
	Sevinol	1 1/2 QTS	

GRAIN
(1,851 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion	12 OZ	140
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	1,208
		2 PTS	93
Wild Oats	Hoelon	3.3 PT/A	410

LETTUCE SEED
(390.50 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Systox	1 1/2 PTS	80
Broadleafs	Dual 8E	2 PTS	60
Grass Weeds	Kerb	3 LBS	50.5
Cabbage Loopers	Thiodan	2 PTS	60
	Thiosulfan	2 PTS	140

MINT
(650 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Cythion	1 1/2 PTS	80
General Weeds	Sinbar	1 LB	375
		1 1/4 LBS	155
Mites	Flowable Sulfur	1 QT	40

NON-CROPLAND, RANGELAND, DESERT PASTURE
(16,287 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleafs	2,4-D Amine	2 QTS	100
	Vertac	1 PT	
Brush	2,4-D Amine	1 QT	640
		2 QTS	10
	Estron 99	2 QTS	260
Clean Up	Furadan 4F	1/2 PT	
Flys	Malathion 5EC	6 OZ	40
		1 PT	120
General Weeds	Sencor/Prowl	1 PT/1 1/2 PT	140
Grasshoppers	Furadan	1 QT	240
	Parathion	3/8 PT	295
		1/2 PT	160
	Thionspray	3/8 PT	32
Mosquito	Dibrom	3/4 OZ	11,600
	Pyrenone	1 OZ	400
Sagebrush	Weedone LV4	2 LBS	930
	2,4-D Butyl Ester	3 LBS	1,260
Willows	2,4-D Amine	2 QTS	40
	Esterone 99	3 QTS	20

OATS
(869 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	130
	2,4-D Amine	2 PTS	40
	2,4-D Ester	1/2 PT	639
	2,4-D	1 PT	60

ONION
(863 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Botrytis	Rovral	1.5 LBS	22
Grass & Broadleaf Weeds	Paraquat	2 PTS	226
	Paraquat	3 PTS	25
Thrips	Guthion	1 LB	144
	Malathion	2 PTS	96
	Methyl Parathion	1 PT	264
	Parathion	4 OZ	16
Weeds	Roundup	1/2 PT	10
		1 PT	60

PASTURE
(18,780 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquito	Baytex	1/10 LB	1,550
	BTI	1 PT	80
	DMA 4	1 QT	120
	Dibrom	3/4 OZ	6,880
	Dibrom	.8 OZ	8,050
	Parathion	1/10 LB	1,600
Willows	2,4-D	1 QT	500

POTATOES
(22,492.27 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1 1/2 PTS	90
	Thiodan	1 QT	1,062
Blight	Bravo	1 QT	93
	Dithane	1/2 QT	205
	Dithane	1 QT	807
	Maneb	1/2 QT	720
	Maneb	1 QT	8,859
	Manex	3 PTS	320
	Supertin	4 OZS	320
Broadleaf & Grass Weeds	Dual 8E	2 PTS	7.27

POTATOES, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf & Grass Weeds	Eptam/Sencor	3.5 PTS 1.0 PT	160
	Eptam/Sencor	3.5 PTS 1.5 PTS	2,607
	Eptam	3.5 PTS	830
	Lexone	1/2 PT	350
	Sencor	1.66 PTS	265
Blight/Aphid	Maneb	1 QT	582
	Maneb/Thiodan	1 QT/1.33 QT	1,600
	Maneb/Thiodan	1 QT/1.5 PT	960
Dessication	Des-I-Cate	5 QTS	80
	Vertac General Weed Killer	3 PTS	147
D-Sprout	Super D-Sprout	1 GAL	978
Foliar Feed	Cytex	2 QTS	330
Leafhoppers/Worms	Monitor	2 PTS	315
Vines	Dinitro	3 PTS	805

TREES
(8 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Early Blight	Manex	2 PTS	
Mites	Comite	1 QT	
	Malathion	1 1/2 PTS	
Scab	Supracide 2E	1 PT	8

WASTEWATER
(9,000 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquito Larvae	Malathion 8	8 OZ	1,200
	Parathion	1.6 OZ	7,800

WHEAT
(7,041 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Disyston	1 PT	400.7
	Systox	1/3 PT	1,345.7
Broadleaf Weeds	Banvel	3 OZ	23.6
	Banvel	1/2 PT	50
	Banvel	2 PTS	40
	Dacamine 2,4-D	2 PTS	100
	MCPP	2 PTS	40

WHEAT, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Grasshoppers	Parathion	3/8 PT	22
Weeds	Amine 4 (2,4-D)	1.6 PTS	88
	Amine 4 (2,4-D)	2 PTS	2,781
	Butoxone	3 PTS	50
	2,4-D LV6	1/2 PTS	565
	Vertac Formula 40	1 1/2 PTS	137
	Vertac Formula 40	2 PTS	898
Wild Oats	Avenge	2.5 QTS	500

WHEAT/OATS
(83 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	Vertac 40	1 1/2 PTS	83

WINTER WHEAT
(204 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D Amine	1 1/2 PTS	160
		1 2/3 PTS	44

PESTICIDE USE (Ground Application) 1986

ALFALFA HAY
(4,275 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-DB	3 PT	466
Grass Weeds	Valpar	1 QT	141
Grass Weeds		3 PT	2,933
Winter Weeds	Princep Cal. 90	1 LB	140
	Paraquat	3 PT	595

ALFALFA SEED
(55 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1 1/2 PT	40
Aphids/Lygus	Dimethoate	2 PT	15

BARLEY
(267 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1 1/2 PT	25
Broadleaf Weeds	2,4-D Amine	1 1/2 PT	242

CORN
(55 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D LV-6	1/3 PT	55

FALLOW
(20 TOTAL ACRES TREATED)

PEST OR USE	CHEMCIAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	3 PT	20

NON-CROPLAND
(7,684 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Annual Grass	Roundup (Glyphosate)	4 PT	65
Mosquitos	Malathion 8	1/2 LB	119
	Baytex	1.4 OZ	7,500
Russian Thistle	Banvel	2 GAL, 2 QTS 32 PTS	
	Oust	87 OZ	
	Princep	23 LB	

ONIONS
(144 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Thrips	Guthion	1 LB	144

PASTURE
(5 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D LV-6	1/2 PT	5

POTATOES
(125 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphid	Dimethoate	1 1/2 PT	90
Sprout	Sprout Nip 7A	1 GAL/ 4,200 CWT	25,200 CWT
		1 GAL/ 2,400 CWT	103,700 CWT
Weeds	Lexone	1/2 LB	35

RIGHT-OF-WAYS
(8,692.16 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Amizol	1 1/2 LB	1,462
	Atrazine	3 LB	2,213.83
	Diquat	1/2 LB	4.5
	Direx	3/5 LB	2,612
	Weedar 64 (2,4-D)	3/10 LB	2,399.83

STUBBLE
(22 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Roundup	1 QT	22

WHEAT
(8 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D LV-6	1/2 PT	8

FOOD and AGRICULTURAL EXPO

The National Food and Agriculture Exposition in Seattle, Washington was sponsored by the National Association of State Departments of Agriculture. It attracted over 1,000 foreign buyers from around the world, 300 of which were from Japan, the largest trading partner of the U.S. Over 400 companies were exhibitors at the show including three from Nevada. They were the Nevada Hay Growers Association of Yerington, Nevada Supplement Company of Lovelock and the Nevada Seed Council representing alfalfa seed producers from the Lovelock and Orovada area.

The Nevada exhibit was coordinated by Nasda president Tom Ballow of Nevada. It was designed by Dave Mathis of Reno and co-sponsored by the Nevada Farm Bureau, Nevada Seed Council, Nevada Supplement Company, Nevada Hay Growers Association, Nevada District Export Council and the Nevada Department of Agriculture.

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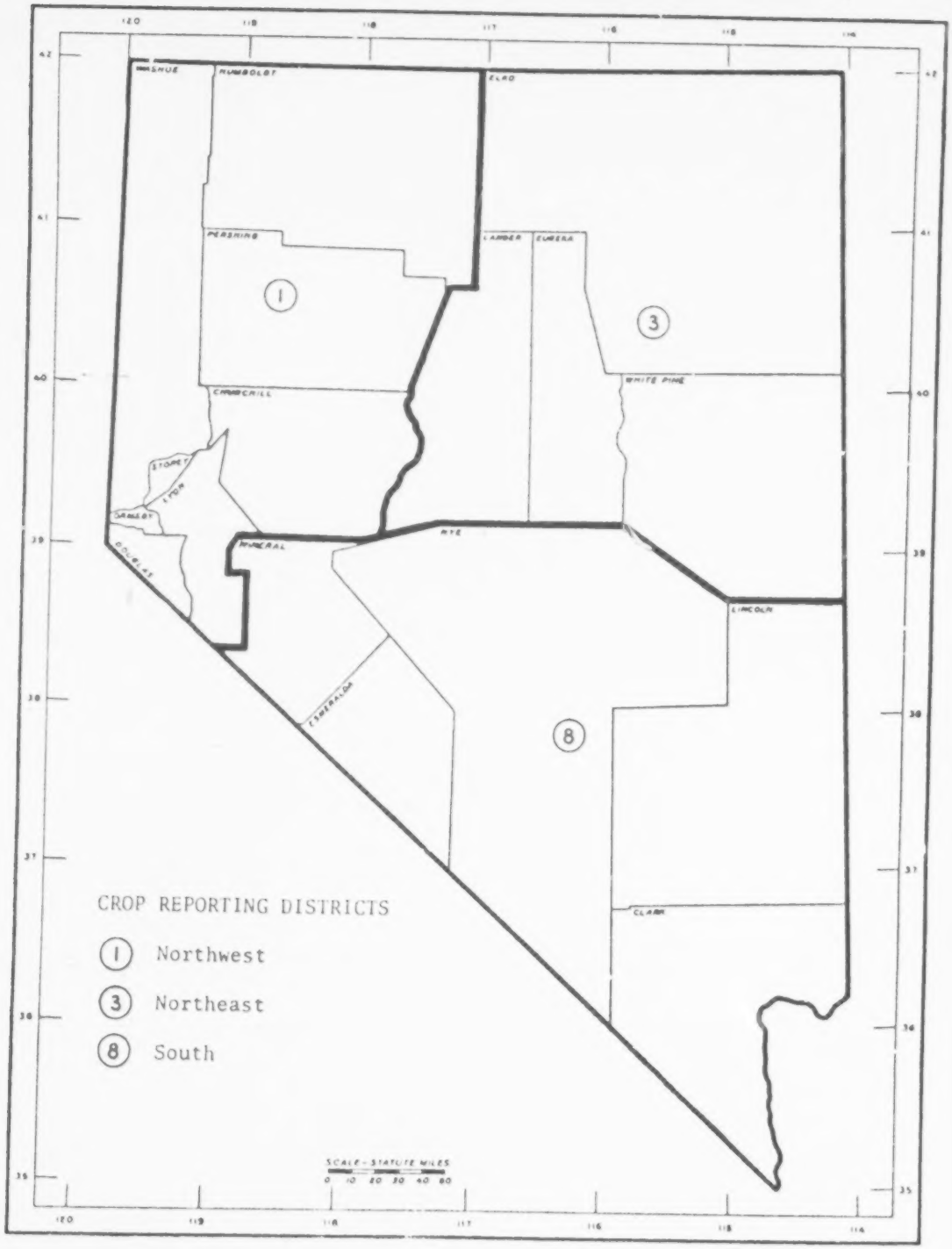
NEVADA

Agricultural Statistics 1987-88

NEVADA COUNTIES AND CROP REPORTING DISTRICTS



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Nevada Agricultural Statistics
1988

Nevada Department of Agriculture

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September 1988

THE STATE OF NEVADA

EXECUTIVE CHAMBER

Carson City, Nevada 89710

RICHARD H. BRYAN
Governor

To the People of Nevada:

It gives me great pleasure to present to you this factual view of Nevada's agriculture. Agriculture is, and will continue to be, a vital part of our state's economy.

Farmers and ranchers have always had to face many adverse conditions, but Mother Nature continues to throw out challenges for them. The low snowpack in the state the past two years has seriously limited irrigation water supplies in many areas. This has forced them to make many important management decisions concerning their individual operations and has compounded the need for accurate and timely information upon which to base these decisions.

Agricultural statistics provide a picture of the past and the tools to use in working toward improving the future. I hope this publication will provide those of you engaged in the business of agriculture with the background to make your important business and management decisions for tomorrow.

Sincerely,

RICHARD H. BRYAN
Governor

RHB/cd

STATE OF NEVADA

RICHARD H. BRYAN
GOVERNOR

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DIVISION OF BRAND INSPECTION

To Friends of Nevada Agriculture:

The past few years have been difficult for farmers, ranchers and rural communities, but through hard work and creative approaches many have succeeded. There were indications that the farm and ranch economy was growing stronger as land values had increased and commodity prices were stabilizing or increasing. However, a drought came over much of the nation this year and put a damper on the recovery process.

The recent period of adversity made it clear that management expertise can often be the difference between success and failure for farmers and ranchers as it is for all businessmen. Good information is essential to good management which is why I'm pleased to present the 1988 edition of Nevada Agricultural Statistics.

The Nevada Agricultural Statistics Service compiles the statistics in this bulletin. They could not do their job without the help of the many Nevada farmers, ranchers and agri-businesses who supplied the basic information. I'm grateful for their efforts in making this bulletin possible.

Sincerely,

Thomas W. Ballow

Thomas W. Ballow
Executive Director

NEVADA AGRICULTURAL STATISTICS SERVICE
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National Agricultural Statistics Service
Fact Finding for Agriculture

FOREWORD

The USDA was established by Abraham Lincoln on May 15, 1862 and he called it "The People's Department". A little over a year later, in July of 1863, the first monthly crop reports were issued to aid in measuring the food production from the farms of the young nation then engaged in a civil war. That marked the beginning of the collection of monthly agricultural statistics by a government agency.

The USDA's National Agricultural Statistics Service celebrated its 125th anniversary of compiling agricultural statistics during July of this year. Agricultural statistics since that beginning are still an important service to the farmers, ranchers, consumers and the industries that serve them.

A special "Thank You" goes to all the farmers, ranchers and individuals who voluntarily furnished the basic information for these reports by completing our survey questionnaires or by answering phone requests. We also appreciate the hard work and dedication of our field and telephone interviewers and the office staff who are responsible for the collection and summarization of the information. A special thanks to Carrie Swanson who had overall responsibility for the bulletin layout.

C. R. "Bud" Lies
State Statistician

Cooperating with

University of Nevada-Reno
College of Agriculture

State of Nevada
Department of Agriculture

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NEVADA FACTS & FIGURES

NEVADA POPULATION

Total, 1980 Census: 800,493

Farm: 5,539
People per Farm/Ranch: 2.3

NEVADA LAND & UTILIZATION

Total Land Area: 109,894 Square Miles

OR 70.3 Mil. Acres

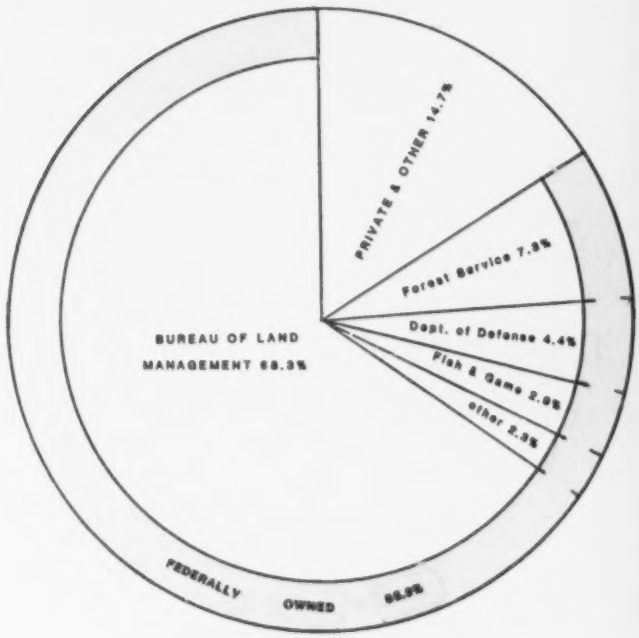
People Per Square Mile: 7.3

All Land in Farms & Ranches: 8,800,000 Acres 1/

Proportion of Land in Farms & Ranches: 14 Percent

1/ 1988 preliminary

NEVADA LAND AREA
ownership as a percentage of total



Source: BLM "Public Land Statistics 1984"

LAND IN FARMS & RANCHES
utilization as a percent of total 1/

1/ 1982 U.S. Census of Agriculture

FARM & RANCH COUNTS & MEASUREMENTS

Number of Farms & Ranches	2,400	1/
Aver. Size of Farm or Ranch	3,667 Acres	1/
Total Farm & Ranch Assets	$2.2 Bil.	2/
Aver. Vale per Farm or Ranch	$911,208	2/
Aver. Value per Acre	$193	3/
Real Estate Val./Farm or Ranch	$726,083	4/
Farm & Ranch Debt/Operation	$151,000	5/

1/ Places with annual sale of agricultural products of $1,000 or more, 1988 prelim.
2/ Includes buildings, machinery, livestock, crops, savings and investments (1986).
3/ Per acre, land & buildings, Feb. 1, 1988.
4/ Excludes value of operator dwellings.
5/ Includes real estate, non-real estate, and CCC loans (1986).

NUMBER OF FARMS

Total number of ranches and farms operated in Nevada during 1987, at the 2,400 level, was the same as a year earlier. Number of ranches and farms includes places with annual sales of agricultural products of $1,000 or more.

NUMBER OF FARMS AND LAND IN FARMS AND RANCHES, 1977-88, 1/

Year	Nevada			United States		
	Number of Farms	Land in Farms		Number of Farms	Land in Farms	
		Average	Total		Average	Total
		- Acres -	Thou. Acres	Thousands	- Acres -	Thou. Acres
1977	2,600	3,458	8,990	2,456	427	1,047,785
1978	2,900	3,100	8,990	2,436	429	1,044,790
1979	2,900	3,100	8,990	2,432	428	1,042,015
1980	2,900	3,100	8,990	2,433	427	1,038,885
1981	3,100	2,871	8,900	2,434	425	1,034,190
1982	2,900	3,069	8,900	2,401	428	1,027,795
1983	2,700	3,296	8,900	2,370	432	1,024,195
1984	2,600	3,385	8,800	2,328	438	1,019,378
1985	2,500	3,520	8,800	2,275	446	1,014,383
1986	2,400	3,667	8,800	2,212	456	1,007,643
1987	2,400	3,667	8,800	2,176	461	1,002,603
1988 2/	2,400	3,667	8,800	2,159	463	998,692

1/ Farm is defined as a place with annual sales of agricultural products of $1,000 or more. 2/ Preliminary.

NUMBER OF LIVESTOCK FARMS, 1977-87

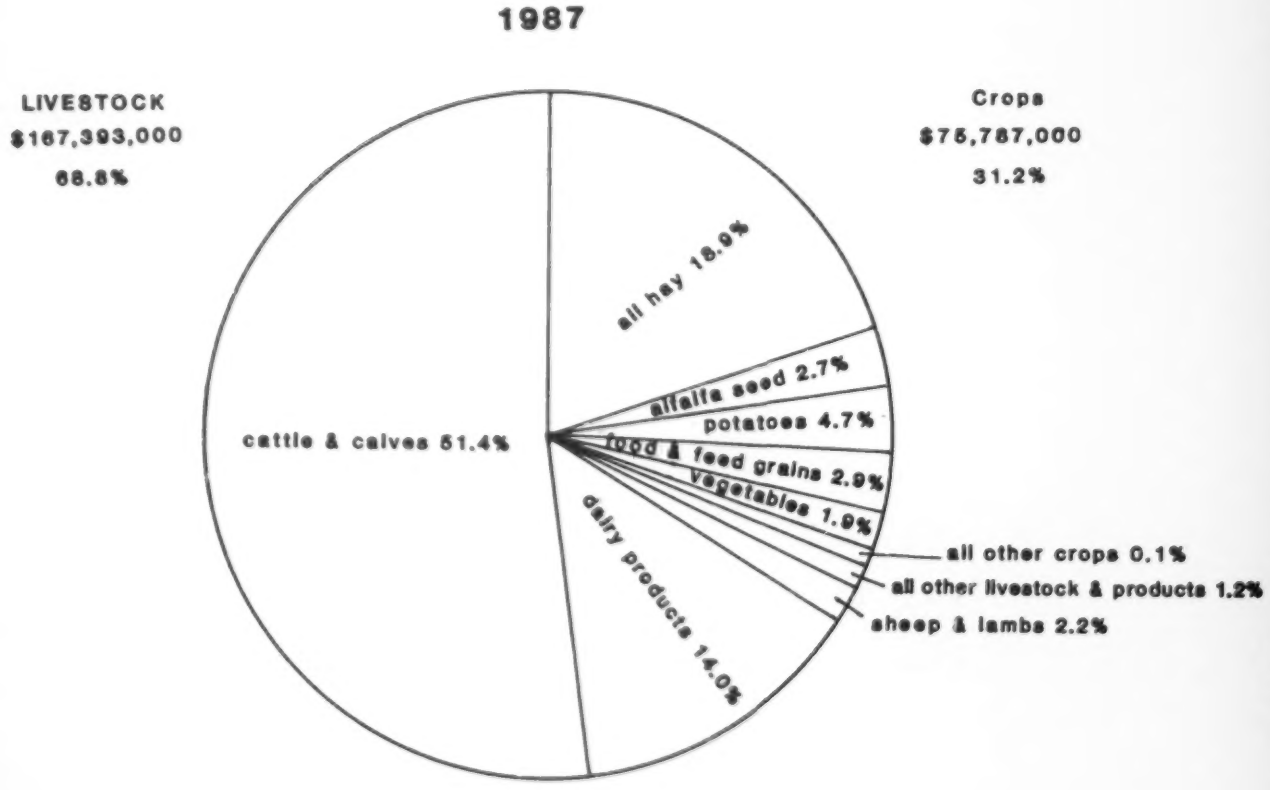
Year	Nevada				United States			
	Cattle	Milk Cows	Sheep	Hogs	Cattle	Milk Cows	Sheep	Hogs
	Number				Thousands			
1977	1,700	400	280	250	1,771.9	393.5	117.5	647.0
1978	1,800	400	280	300	1,699.0	369.2	115.7	635.3
1979	1,800	400	290	250	1,638.5	350.0	116.1	653.6
1980	1,700	400	300	220	1,622.5	335.8	119.9	670.4
1981	1,700	400	320	220	1,621.6	322.9	125.6	580.1
1982	1,700	400	320	210	1,611.0	312.1	128.1	482.2
1983	1,700	400	300	200	1,584.5	299.1	126.4	462.1
1984	1,700	400	270	200	1,543.5	284.7	123.5	429.6
1985	1,700	400	270	180	1,493.9	271.9	117.4	391.0
1986	1,700	400	300	180	1,449.7	253.9	114.8	348.0
1987	1,700	400	300	180	1,410.1	233.3	113.7	332.8

CASH RECEIPTS FROM FARM MARKETINGS BY COMMODITIES, NEVADA, 1985-87

Item	1985		1986		1987 1/	
	Thou. Dol.	% of Total	Thou. Dol.	% of Total	Thou. Dol.	% of Total
Cattle & Calves.	101,754	45.2	119,670	50.3	125,088	51.4
Dairy Products	33,408	14.8	32,818	13.8	34,125	14.0
Sheep & Lambs (Including Wool)	6,954	3.1	3,850	1.6	5,260	2.2
All Other Livestock & Products	1,808	.8	2,445	1.0	2,920	1.2
Total Livestock & Products .	143,924	63.9	158,783	66.7	167,393	68.8
All Hay.	45,987	20.9	52,527	22.1	45,842	18.9
Alfalfa Seed	7,414	3.3	6,028	2.5	6,574	2.7
Potatoes	12,329	5.5	8,334	3.5	11,455	4.7
Food & Feed Grains	8,690	3.9	7,168	3.0	6,999	2.9
Vegetables	5,497	2.4	4,969	2.1	4,701	1.9
All Other Crops.	255	.1	218	.1	216	.1
Total Crops.	81,172	36.1	79,244	33.3	75,787	31.2
Total All Commodities.	225,096	100.0	238,027	100.0	243,180	100.0

1/ Preliminary.

Cash Receipts From Farm Marketing of Commodities



PRODUCTION EXPENSES OF NEVADA FARMERS AND RANCHERS, 1985-87 1/

Item	1985	1986	1987
	Million Dollars		
Feed	28.9	26.3	25.4
Livestock	10.5	5.2	5.0
Seed	3.9	3.5	3.5
Fertilizer and lime	6.8	4.7	7.3
Repair and operation of capital items	34.8	31.4	29.4
Hired labor	22.1	22.3	24.2
Miscellaneous	53.2	52.0	45.3
Total current farm operating expenses	160.2	145.4	140.1
Depreciation and other consumption of farm capital	41.8	40.0	35.6
Taxes on farm mortgage debt	3.5	3.5	3.3
Interest on farm mortgage debt	27.4	25.4	24.9
Net rent to nonfarm landlords	4.8	4.4	3.9
Total Production Expense	237.8	218.6	207.9

FARM INCOME HIGHER

Net farm income totaled 48.0 million dollars in 1987 compared with 25.6 million dollars a year earlier. The increase from 1986 was mainly due to a 5 percent drop in farm production expenses as cash receipts from farm marketings rose only 2 percent. Total gross farm income (before deducting farm production expenses and net change in inventories) was 276.5 million in 1987, up 3 percent from the preceding year.

FARM INCOME, NEVADA, 1985-87 1/

Item	1985	1986	1987
	Million Dollars		
Realized gross farm income			
Cash receipts from farm marketings	225.1	238.0	243.2
Government payments	3.9	3.5	3.9
Non-money income	28.6	25.2	27.2
Other farm income	2.5	2.0	2.3
Total gross farm income	260.1	268.7	276.5
Farm production expenses	237.8	218.6	207.9
Realized net farm income	22.3	50.1	68.6
Net change in farm inventories	-7.6	-24.5	-20.6
Total net farm income	14.7	25.6	48.0

1/ Details may not add to totals due to rounding.

WEATHER SUMMARY, 1986-87

GENERAL: Precipitation for the water year October 1, 1986 through September 30, 1987 totaled 7.77 inches--about 12 percent below normal and more than two inches less than a year earlier. Fall started with freezing temperatures but the last half of October had typical Indian Summer type weather that extended into the first week of November. Pleasant fall weather ended relatively early as periodic, cold winter storms the remainder of November lowered temperatures and produced accumulations of snow at higher elevations. Winter started relatively mild with above normal temperatures the beginning and ending of December but with well below normal amounts of precipitation. First major snowstorm of the season occurred early in January. January was mostly cold with below normal snow accumulations. February was mild the first half but cold at the end of the winter season. March came in like a lamb but went out like a lion. April was mild but May started and ended wet, cool, and windy. Temperatures during the summer season were below normal and precipitation was well below average. No snow was recorded in September. Temperatures during the 1986-87 year averaged 50.9 degrees--slightly below normal. July was again replaced by August as the hottest month of the summer season with an average of 71.2 degrees.

FALL 1986: October started with temperatures well below normal in all areas. Freezing temperatures were common except in the extreme south. Precipitation was widespread, several inches of snow fell in the northern mountains and even reached some valley floors. A high pressure system produced pleasant fall weather midmonth, followed by a weak low pressure system that brought occasional cloudiness, scattered showers, and thunderstorms to the extreme south. Remainder of the month was largely sunny, relatively mild, and dry (Typical Indian Summer type weather). Vegetative killing frosts were common throughout October. November started like October ended, relatively mild and dry. Precipitation largely in the form of snow fell midmonth in the more northern areas while about an inch of rain was dropped in the extreme south. November ended mostly dry with slightly above normal temperatures.

WINTER 1986-87: December started with a warming trend and mostly clear skies but changed quickly when a cold front moved through dropping temperatures in all areas. Strong winds in advance of the storm peaked at 75mph along the Sierras. A series of weakening cold fronts the remainder of December delivered small amounts of precipitation in the form of light rain or snow along the Sierras, the more northern areas and the extreme south. Snowpack over the Sierra Mountains remained in a short term drought situation with little water storage potential and a disaster so far as the skiing industry was concerned. Temperatures at the end of December were near normal most areas. First major storm of the winter season occurred at the beginning of January. The month started with slightly above normal temperatures and fog in some northern valleys. A mild winter weather pattern New Year's Day produced strong winds, generally widespread precipitation in the northern areas, and up to a foot of snow in the northern Sierras. Strong winds were recorded in most western areas, and up to three feet of additional snow fell in the Sierra ski areas. Considerable snow accumulated in the southcentral area, unusual snow was observed in the extreme south. Cold, northerly airflows dominated at midmonth and throughout the remainder of January. Frontal systems extended into February but produced only light precipitation, cloudy skies, and above normal temperatures. Temperatures remained above normal through midmonth. Several warm Pacific frontal systems produced high winds, rain, and some snow--from three to five feet of additional snow in the Sierras. Rain was confined to areas below 6,500 feet. Temperatures the remainder of February were below normal most areas. Above normal precipitation was reported all sections, mostly in form of snow north and west, and rain in the extreme south.

WEATHER SUMMARY, 1986-87, cont.

SPRING 1987: March began mild with increasing high clouds and winds. Precipitation started in the west and spread to the east and south. A series of storms midmonth produced precipitation most areas. The air mass remained relatively warm until the third week when a cold front dropped temperatures sharply but produced mostly wind. A storm near the end of March dropped snow in the north and south central, rain in the extreme south. Weather was typical for March as it came in like a lamb and went out like a lion. April started with snow, rain showers, and temperatures generally below normal. A warming trend the second week resulted in above normal temperatures and dry conditions which extended throughout the remainder of the month. A short lived cold front, however, brought freezing temperatures the night of the 18th and most fruit blossoms were lost. Winds accompanying the storm front were strong enough to warrant high wind watches and/or warnings in all areas. Average temperatures for April were well above normal most areas. May started and ended wet, cool and windy. A series of fast moving fronts brought scattered showers the first half of the month. Sub-tropical moisture from the south spread over all areas midmonth with heavy showers, some flooding, and above normal temperatures. Last week in May had below normal temperatures, heavy precipitation most areas, and gusty winds.

SUMMER 1987: June started with a typical summer weather pattern, mostly dry and warm. Thunderstorms were common throughout the middle of the month but total amounts of precipitation were generally light. June ended with temperatures above normal and spotty, light showers. A few range fires were set off by lightning strikes but acreages burned were relatively small. July began with about normal temperatures, widely scattered thunderstorms and gusty winds. Cooler air moved in at midmonth bringing with it some record low temperatures, morning frosts and snow showers. Precipitation during the month was spotty and generally light with the central and eastern sections receiving the heaviest amounts. Warmer air moved in after midmonth, resulting in generally warm, dry conditions across the State for the rest of the month. August started with near normal temperatures but rapidly moved to well above normal for the remainder of the month. Spotty thundershowers moved through the State midmonth but produced only trace amounts of precipitation in the southeast and a few heavy showers in some localities in the northeast. September began with above normal temperatures and numerous thunderstorms in the central mountains and the Sierras but amounts were light and scattered. Mostly sunny skies prevailed the remainder of the month. Isolated thunderstorms occurred throughout September but in many instances the precipitation evaporated before reaching the ground (The Weather Bureau calls this phenomenon a Virga). One low pressure system brought spotty precipitation and cooler weather briefly toward the end of September but warm temperatures recovered rapidly.

TEMPERATURES AND PRECIPITATION FOR WATER YEAR, 1987

	1986			1987									
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Total
						Degrees							
Temperature													
1986-87	50.2	40.4	32.5	27.4	35.5	40.4	52.9	58.2	67.8	69.3	71.2	64.7	50.9
Normal	53.0	40.8	33.2	31.3	36.9	40.9	47.9	57.1	66.1	74.0	71.3	63.3	51.3
Departure	-2.8	-0.4	-0.7	-3.9	-1.4	-0.5	+5.0	+1.1	+1.7	-4.7	-0.1	+1.4	-0.4
						Inches							
Precipitation													
1986-87	.48	.26	.20	.73	.82	1.13	.46	2.34	.52	.55	.24	.04	7.77
Normal	.57	.76	.94	.99	.83	.80	.75	.87	.72	.51	.56	.51	8.81
Departure	-.09	-.50	-.74	-.26	-.01	+.33	-.29	+1.47	-.20	+.04	-.32	-.47	-1.04

ANNUAL CROP SUMMARY

Nevada ranchers and farmers produced **more hay, alfalfa seed, spring wheat** and **onions** in 1987, **barley** showed no change, but decreases were registered for all other crops. Total acreage harvested was down 1 percent from 1986. Most of the decrease was in hay acreage. **Alfalfa acreage** showed an increase but **all other hay acreage,** which is mostly wild hay, dropped substantially because of drought conditions. **All wheat** production dropped 2 percent, as a 15 percent increase in **spring wheat** production was not enough to offset a 22 percent drop in **winter wheat** production. **Barley** production remained unchanged, but **alfalfa seed** production was up due to higher yields. **Potato** output fell due to both decreases in acreage and yield. **All hay** production was up slightly from 1986. **Alfalfa hay** production was up 5 percent mainly due to an increase in acreage as yields only increased slightly. **All other hay** production dropped 10 percent from the previous year due to declines in both acreage and yield. **Onion** output increased 37 percent, the result of more acreage and higher yeilds. **Garlic** production dropped 12 percent as a higher yield was not enough to offset a smaller acreage. The **total value** of selected crops produced in the state totaled $138.9 million in 1987---up 3 percent from the 1986 total of $134.2 million. The increase in value was mainly due to higher prices and yields for most crops as total harvested acreage decreased 1 percent.

CROP ACREAGE, PRODUCTION AND VALUE, NEVADA, 1986 AND 1987

Crop	1986 Acres Harvested	1986 Yield Per Acre	1986 Unit	1986 Production Total Thousands	1986 Production Value 1,000 Dols.	1987 Acres Harvested	1987 Yield Per Acre	1987 Production Total Thousands	1987 Production Value 1,000 Dols.
Wheat, All	22,000	78.2	Bu.	1,720	3,663	21,000	80.0	1,680	3,718
Spring	13,000	70.0	Bu.	910	2,002	14,000	75.0	1,050	2,363
Winter	9,000	90.0	Bu.	810	1,661	7,000	90.0	630	1,355
Barley	33,000	90.0	Bu.	2,970	5,495	33,000	90.0	2,970	5,792
Hay, All	520,000	2.65	Tons	1,376	101,824	515,000	2.68	1,380	109,710
Alfalfa	240,000	4.10	Tons	984	1/	245,000	4.20	1,029	1/
All Other	280,000	1.40	Tons	392	1/	270,000	1.30	351	1/
Alfalfa Seed	10,000	600	Lbs.	6,000	6,000	10,000	630	6,300	7,245
Potatoes	9,000	350	CWt.	3,150	13,073	8,000	340	2,720	8,432
Garlic	800	6.5	Tons	5.2	1,976	660	7.0	4.6	1,656
Onions	400	21.0	Tons	8.4	2,184	460	25.0	11.5	2,300
All Crops	595,200	--	--	--	134,215	588,120	--	--	138,853

1/ Not available.
Conversion: 33.3 Bu. Wheat = 1 Ton; 41.7 Bu. Barley = 1 Ton.

WINTER WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1978-87

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1978	11,000	10,000	65	650	3.40	2,210
1979	12,000	11,000	70	770	4.15	3,196
1980	13,000	12,000	65	780	3.80	2,964
1981	16,000	15,000	70	1,050	3.40	3,570
1982	16,000	15,000	70	1,050	3.53	3,707
1983	9,000	8,000	70	560	3.40	1,904
1984	9,000	8,000	80	640	2.90	1,856
1985	10,000	9,000	80	720	2.55	1,836
1986	10,000	9,000	90	810	2.05	1,661
1987	8,000	7,000	90	630	2.15	1,355

WINTER WHEAT: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1986-87

County	1986				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	900	800	85.0	68,000	700	600	80.0	48,000
Eureka	500	400	75.0	30,000	400	300	75.0	22,500
Humboldt	3,200	2,900	95.0	275,500	2,500	2,200	100.0	220,000
Lyon	1,200	1,000	85.0	85,000	900	700	75.0	52,500
Pershing	2,500	2,300	100.0	230,000	2,000	1,800	100.0	180,000
All Others	1,700	1,600	76.0	121,500	1,500	1,400	76.0	107,000
State Totals	10,000	9,000	90.0	810,000	8,000	7,000	90.0	630,000

SPRING WHEAT: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1978-87

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1978	13,000	12,000	55	660	3.40	2,244
1979	14,000	13,000	50	650	4.00	2,600
1980	19,000	17,000	60	1,020	3.80	3,876
1981	18,000	16,000	50	800	3.40	2,720
1982	16,000	14,000	60	840	3.53	2,965
1983	12,000	10,000	70	700	3.65	2,555
1984	18,000	16,000	75	1,200	3.05	3,660
1985	17,000	15,000	70	1,050	2.90	3,045
1986	15,000	13,000	70	910	2.20	2,002
1987	16,000	14,000	75	1,050	2.25	2,363

SPRING WHEAT: ACREAGE, YIELD AND PRODUCTION BY COUNTIES, NEVADA, 1986-87

County	1986				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	1,200	1,000	75.0	75,000	1,400	1,200	70.0	84,000
Eureka	900	700	65.0	45,500	1,000	800	65.0	52,000
Humboldt	6,300	5,500	70.0	385,000	6,600	5,800	80.0	464,000
Lander	400	300	75.0	22,500	400	300	65.0	19,500
Lyon	1,000	800	75.0	60,000	1,100	900	70.0	63,000
Pershing	4,300	3,800	70.0	266,000	4,600	4,100	75.0	307,500
All Others	900	900	62.0	56,000	900	900	67.0	60,000
State Totals	15,000	13,000	70.0	910,000	16,000	14,000	75.0	1,050,000

BARLEY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1978-87

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Bushels	Thou. Bu.	Dol. Per Bu.	Thousand Dollars
1978	30,000	27,000	60	1,620	2.19	3,548
1979	30,000	27,000	60	1,620	2.70	4,374
1980	31,000	28,000	70	1,960	3.15	6,174
1981	33,000	30,000	55	1,650	2.79	4,604
1982	35,000	32,000	80	2,560	2.43	6,221
1983	37,000	34,000	80	2,720	2.90	7,888
1984	40,000	37,000	90	3,330	2.55	8,492
1985	40,000	37,000	80	2,960	2.15	6,364
1986	36,000	33,000	90	2,970	1.85	5,495
1987	36,000	33,000	90	2,970	1.95	5,792

BARLEY: ACREAGE, YIELD AND PRODUCTION, BY COUNTIES, NEVADA, 1986-87

County	1986				1987			
	Planted	Harvested	Yield	Production	Planted	Harvested	Yield	Production
	Acres		Bushels		Acres		Bushels	
Churchill	3,800	3,400	85.0	289,000	3,700	3,400	95.0	323,000
Eureka	3,100	2,700	85.0	229,500	3,200	2,800	75.0	210,000
Humboldt	16,600	16,000	95.0	1,520,000	17,000	16,500	95.0	1,567,500
Lander	1,100	900	75.0	67,500	1,300	1,000	65.0	65,000
Lyon	3,200	2,900	85.0	246,500	3,100	2,800	90.0	252,000
Pershing	2,900	2,500	100.0	250,000	2,600	2,300	100.0	230,000
Washoe	800	700	80.0	56,000	800	700	80.0	56,000
White Pine	1,000	800	85.0	68,000	900	700	75.0	52,500
All Others	3,500	3,100	79.0	243,500	3,400	2,800	76.0	214,000
State Totals	36,000	33,000	90.0	2,970,000	36,000	33,000	90.0	2,970,000

HAY: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1978-87

Year	All Hay					Alfalfa Hay		
	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production	Acres Harvested	Yield Per Acre	Production
		Tons	Thou. Tons	Dollars	Thou. Dols.		Tons	Thou. Tons
1978	480	2.26	1,084	52.50	56,910	220	3.45	759
1979	495	2.18	1,081	82.00	88,642	215	3.40	731
1980	500	2.19	1,095	90.50	99,098	215	3.50	753
1981	470	2.30	1,081	70.00	73,220	220	3.55	781
1982	510	2.45	1,249	86.50	108,039	225	3.65	821
1983	530	2.46	1,302	91.00	118,482	230	3.90	897
1984	525	2.56	1,346	75.00	100,950	235	4.00	940
1985	495	2.63	1,302	80.50	104,811	235	4.10	964
1986	520	2.65	1,376	74.00	101,824	240	4.10	984
1987	515	2.68	1,380	79.50	109,710	245	4.20	1,029

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA, 1986

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill	32,000	4.50	144,000	3,000	1.80	5,400	149,400
Douglas	7,000	3.90	27,300	8,000	1.70	13,600	40,900
Humboldt	38,000	4.10	155,800	47,000	1.25	58,750	214,550
Lyon	35,000	4.10	143,500	6,000	1.75	10,500	154,000
Carson City	300	4.00	1,200	300	1.40	420	1,620
Pershing	19,000	4.40	83,600	3,000	1.70	5,100	88,700
Storey	100	4.00	400	200	1.10	220	620
Washoe	11,000	4.30	47,300	9,000	2.00	18,000	65,300
District 1	142,400	4.24	603,100	76,500	1.46	111,990	715,090
Elko	27,000	3.10	83,700	164,400	1.35	221,940	305,640
Eureka	19,000	3.90	74,100	10,000	1.70	17,000	91,100
Lander	10,000	3.90	39,000	15,000	1.30	19,500	58,500
White Pine	12,000	3.70	44,400	5,000	1.50	7,500	51,900
District 3	68,000	3.55	241,200	194,400	1.37	265,940	507,140
Clark	6,000	5.10	30,600	500	2.60	1,300	31,900
Esmeralda	6,000	4.40	26,400	400	1.30	520	26,920
Lincoln	6,600	4.00	26,400	1,000	1.45	1,450	27,850
Mineral	3,000	4.10	12,300	200	1.50	300	12,600
Nye	8,000	5.50	44,000	7,000	1.50	10,500	54,500
District 8	29,600	4.72	139,700	9,100	1.55	14,070	153,770
State Total	240,000	4.10	984,000	280,000	1.40	392,000	1,376,000

HAY: ACREAGE HARVESTED, YIELD AND PRODUCTION, BY TYPES, BY COUNTIES, NEVADA, 1987

County	Alfalfa Hay			All Other Hay			All Hay
	Acres	Yield	Production	Acres	Yield	Production	Production
		Tons	Tons		Tons	Tons	Tons
Churchill	35,000	4.40	154,000	3,000	1.85	5,550	159,550
Douglas	6,000	3.95	23,700	7,000	1.70	11,900	35,600
Humboldt	38,000	4.60	174,800	47,000	.90	42,300	217,100
Lyon	36,000	4.15	149,400	5,000	1.80	9,000	158,400
Carson City	300	3.90	1,170	300	1.40	420	1,590
Pershing	18,000	4.50	81,000	3,500	1.80	6,300	87,300
Storey	100	4.00	400	200	1.10	220	620
Washoe	11,000	4.30	47,300	8,000	1.90	15,200	62,500
District 1	144,400	4.38	631,770	74,000	1.23	90,890	722,660
Elko	29,000	3.10	89,900	159,000	1.30	206,700	296,600
Eureka	20,000	4.00	80,000	10,000	1.40	14,000	94,000
Lander	9,000	3.80	34,200	14,000	1.40	19,600	53,800
White Pine	11,000	3.80	41,800	5.000	1.40	7,000	48,800
District 3	69,000	3.56	245,900	188,000	1.32	247,300	493,200
Clark	6,000	5.20	31,200	500	2.00	1,000	32,200
Esmeralda	6,000	4.40	26,400	400	1.40	560	26,960
Lincoln	7,600	4.30	32,680	900	1.50	1,350	34,030
Mineral	3,000	4.15	12,450	200	1.50	300	12,750
Nye	9,000	5.40	48,600	6,000	1.60	9,600	58,200
District 8	31,600	4.79	151,330	8,000	1.60	12,810	164,140
State Total	245,000	4.20	1,029,000	270,000	1.30	351,000	1.380,000

POTATOES: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1978-87

Year	Acres Planted	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Cwt.	Thou. Cwt.	Dol. Per Cwt.	Thousand Dollars
1978	17,000	17,000	320	5,440	2.40	13,056
1979	15,000	15,000	330	4,950	2.75	13,613
1980	13,000	13,000	340	4,420	5.20	22,984
1981	12,000	12,000	290	3,480	4.90	17,052
1982	13,000	13,000	315	4,095	2.60	10,647
1983	12,000	12,000	310	3,720	5.70	21,204
1984	10,000	10,000	330	3,300	4.60	15,180
1985	9,000	9,000	345	3,105	2.80	8,694
1986	9,000	9,000	350	3,150	4.15	13,073
1987	8,000	8,000	340	2,720	3.10	8,432

ONIONS: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1982-87

Year	Acres Planted 1/	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Tons	Tons	Dol. Per Ton	Thousand Dollars
1982		600	23	13,800	200.00	2,760
1983		500	21	10,500	210.00	2,205
1984		400	23	9,200	280.00	2,576
1985		600	21	12,600	200.00	2,520
1986		400	21	8,400	260.00	2,184
1987		460	25	11,500	200.00	2,300

1/ Not available.

GARLIC: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1982-87

Year	Acres Planted 1/	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Tons	Tons	Dol. Per Ton	Thousand Dollars
1982		600	5.5	3,200	360.00	1,152
1983		800	6.0	4,800	440.00	2,112
1984		800	6.0	4,800	440.00	2,112
1985		900	6.0	5,400	400.00	2,160
1986		800	6.5	5,200	380.00	1,976
1987		660	7.0	4,600	360.00	1,656

1/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, PRICE AND VALUE, NEVADA, 1977-87

Year	Acres Planted 1/	Acres Harvested	Yield Per Acre	Production	Season Average Price	Value of Production
			Pounds	Thou. Lbs.	Dol. Per Lb.	Thousand Dollars
1977		15,500	520	8,060	1.25	10,075
1978		17,000	365	6,205	1.35	8,377
1979		18,000	405	7,290	1.30	9,477
1980		17,000	450	7,650	1.20	9,180
1981		17,000	530	9,010	1.15	10,362
1982		13,000	350	4,550	1.05	4,778
1983		10,000	405	4,050	1.15	4,658
1984		10,000	525	5,250	1.10	5,775
1985		11,000	670	7,370	1.00	7,370
1986		10,000	600	6,000	1.00	6,000
1987		10,000	630	6,300	1.15	7,245

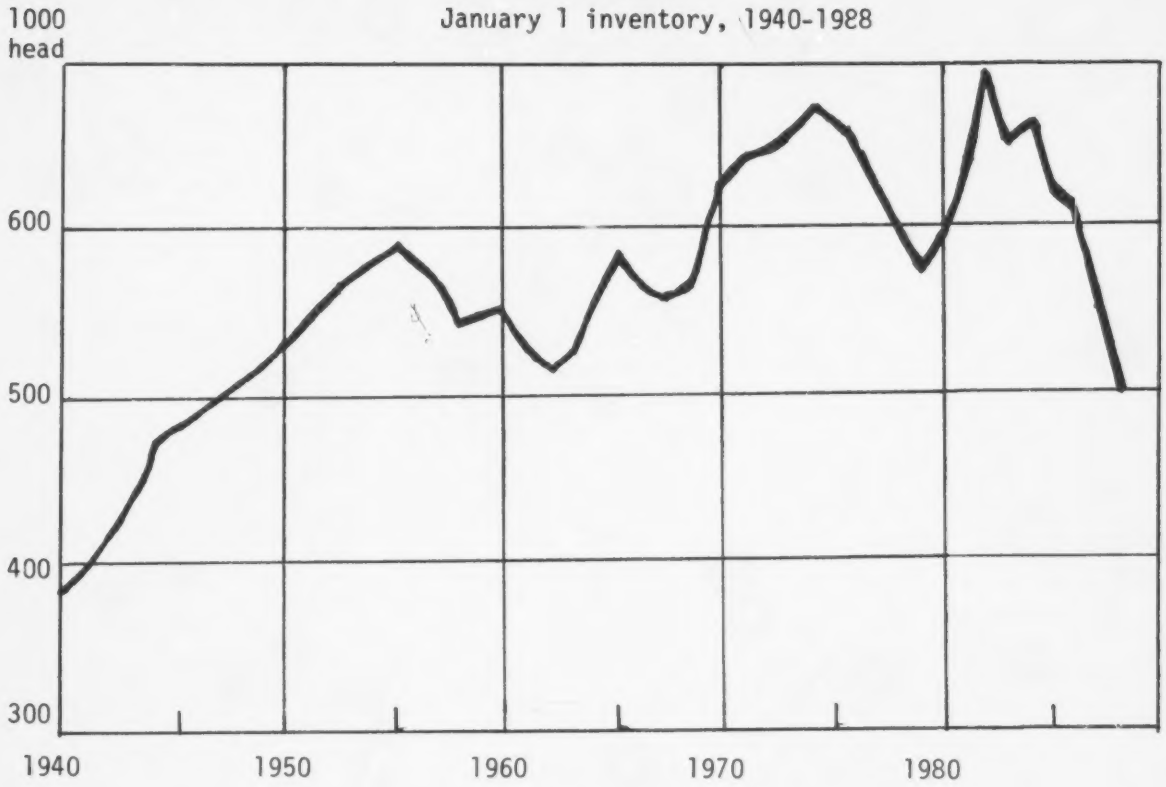
1/ Not available.

ALFALFA SEED: ACREAGE, YIELD, PRODUCTION, BY COUNTIES, NEVADA, 1981-87

Year	Humboldt	Pershing	All Other 1/	Nevada Total
		Harvested Acres		
1981	6,200	10,000	800	17,000
1982	4,500	8,000	500	13,000
1983	2,900	6,800	300	10,000
1984	2,700	7,000	300	10,000
1985	2,500	8,300	200	11,000
1986	2,500	7,300	200	10,000
1987	3,100	6,700	200	10,000
		Yield Per Acre Pounds		
1981	400	620	410	530
1982	300	380	320	350
1983	330	440	335	405
1984	450	560	385	525
1985	540	715	425	670
1986	410	670	425	600
1987	490	700	450	630
		Production of Clean Seed Thousand Pounds		
1981	2,480	6,200	330	9,010
1982	1,350	3,040	160	4,550
1983	955	2,995	100	4,050
1984	1,215	3,920	115	5,250
1985	1,350	5,935	85	7,370
1986	1,025	4,890	85	6,000
1987	1,520	4,690	90	6,300

1/ Churchill, Lander, Lincoln, Nye, Washoe and White Pine.

CATTLE AND CALVES



CATTLE AND CALVES INVENTORY, JANUARY 1, 1988 1/

Class of Livestock	Nevada			United States		
	1987	1988	88 as % of 87	1987	1988	88 as % of 87
	- Thousand Head -		Pct.	- Thousand Head -		Pct.
All Cattle and Calves. . . .	550	500	91	102,000	98,994	97
All Cows That Have Calved	285	265	93	44,282	43,266	98
Beef Cows.	266	246	92	33,779	32,958	98
Milk Cows.	19	19	100	10,502	10,307	98
Heifers 500 lbs+	60	55	92	17,056	17,078	100
Beef Repl	36	34	94	5,164	5,155	100
Milk Repl	8	7	88	4,331	4,111	95
Other Heifers	16	14	88	7,561	7,812	103
Steers 500 lbs+.	38	28	74	15,304	15,592	102
Bulls 500 lbs+	15	14	93	2,304	2,163	98
Calves Under 500 lbs	152	138	91	23,154	20,895	90
Calf Crop.	235	---	---	40,026	----	---
Inventory Value (000 Dols) .	206,250	252,500	122	41,482,765	51,807,580	125
Value Per Head (Dollars) . .	375	505	135	407	523	129

1/ Sum of classes may not add to total due to rounding.

CATTLE AND CALVES: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1978-87

Year	All Cattle Jan. 1	Calves Born	Inship-ments	Marketings		Farm Slaughter	Deaths	
				Cattle	Calves		Cattle	Calves
	- - - - - - - - - - - - - - - - - - Thousand Head - - - - - - - - - - - - - - - - - -							
1978	585	245	40	159	107	5	9	15
1979	575	260	40	151	102	5	8	14
1980	595	280	45	149	102	5	9	15
1981	640	290	30	134	92	5	11	18
1982	700	290	20	193	131	5	11	20
1983	650	295	25	162	109	5	12	22
1984	660	285	20	185	125	5	10	20
1985	620	270	25	151	120	5	10	19
1986	610	260	15	188	115	5	9	18
1987	550	235	10	164	104	5	7	15
1988	500							

CATTLE AND CALVES: PRODUCTION AND INCOME, NEVADA, 1978-87

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	- Thousand Pounds -		- - - - - - -	- Thousand Dollars -	- - - - - -	
1978	173,310	199,507	88,511	101,376	3,317	104,693
1979	184,905	190,190	125,655	128,348	4,100	132,448
1980	198,185	190,050	126,602	120,864	3,464	124,328
1981	197,965	168,010	105,697	89,395	2,932	92,327
1982	209,305	262,015	100,572	124,001	2,154	126,155
1983	224,850	230,725	105,830	107,689	2,875	110,564
1984	219,110	258,425	105,263	123,418	2,392	125,810
1985	194,060	214,430	92,836	101,753	2,361	104,114
1986	199,625	249,875	96,094	119,670	2,399	122,069
1987	179,360	219,240	102,743	125,088	2,836	127,924

1/ Receipts from marketings and sale of farm slaughter.

CATTLE ON FEED

Cattle and calves on feed for slaughter market on January 1, 1988 were estimated at 28,000 head--17 percent higher than the preceding year but well below the record high 51,000 head on feed January 1, 1974.

CATTLE AND CALVES: NUMBER ON FEED ON JANUARY 1, NEVADA, 1985-88

Item	1985	1986	1987	1988	1988 as % of 1987
	Thousand Head				Percent
Number on feed for slaughter market	25	26	24	28	117

CATTLE AND CALVES: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1983-88

COUNTY	1983	1984	1985	1986	1987	1988
	Number of Head					
Carson City	1,200	1,200	1,200	1,200	1,200	1,100
Churchill	78,000	75,000	68,000	65,000	50,000	47,000
Douglas	22,000	22,000	19,000	18,000	17,000	15,000
Humboldt	75,000	74,000	69,000	68,000	63,000	58,000
Lyon	60,000	59,000	51,000	48,000	41,000	36,500
Pershing	29,000	30,000	27,000	26,000	24,000	21,000
Storey	100	100	100	100	100	100
Washoe	34,000	34,000	32,000	33,000	30,000	27,600
District 10	299,300	295,300	267,300	259,300	226,300	206,300
Elko	195,000	190,000	180,000	178,000	170,000	156,400
Eureka	39,000	39,000	38,000	37,000	25,000	21,800
Lander	24,000	28,000	28,000	29,000	27,000	25,000
White Pine	30,000	32,000	31,000	30,000	28,000	25,500
District 30	288,000	289,000	277,000	274,000	250,000	228,700
Clark	10,000	17,000	17,000	16,000	15,000	13,000
Esmeralda	5,000	9,000	11,000	12,000	12,000	10,000
Lincoln	16,700	20,000	19,000	20,000	19,000	17,000
Mineral	4,000	4,700	4,700	4,700	4,700	4,200
Nye	27,000	25,000	24,000	24,000	23,000	20,800
District 80	62,700	75,700	75,700	76,700	73,700	65,000
Nevada	650,000	660,000	620,000	610,000	550,000	500,000

HONEY BEE COLONIES, HONEY PRODUCTION, VALUE AND STOCKS, NEVADA, 1975-87

Year	Colonies of Bees	Yield per Colony	Total Production	Price per Pound	Value of Production	Honey Stocks Dec 15
	Number	Lbs	Thous Lbs	Cents	Thous Dols	Thous Lbs
1975. . . .	8	55	440	58.0	255	132
1976. . . .	9	55	495	53.3	264	20
1977. . . .	10	55	550	57.2	315	193
1978. . . .	9	40	360	60.2	217	108
1979. . . .	12	35	420	60.3	253	105
1980. . . .	11	60	660	72.0	475	231
1981. . . .	12	35	420	75.0	315	88
1982. . . .	Discontinued in 1982 -- Reinstated in 1986					
1986. . . .	9	40	360	50.0	180	54
1987. . . .	11	30	330	55.0	182	66

RANGE AND PASTURE CONDITION - FIRST OF MONTH, NEVADA, 1969-88

Year	April	May	June	July	August	September	October	November	December
1969	80	84	89	91	88	86	86	86	*
1970	81	77	83	85	86	82	84	83	*
1971	81	85	88	92	87	89	83	85	*
1972	84	74	71	73	70	61	77	78	84
1973	89	94	92	95	87	88	88	82	85
1974	91	85	78	73	65	60	62	59	65
1975	80	75	82	80	85	89	90	94	91
1976	82	72	75	68	68	69	80	84	70
1977	47	55	70	75	75	69	80	75	66
1978	95	84	87	91	86	86	89	85	90
1979	92	92	89	85	83	82	78	85	85
1980	94	87	98	97	95	94	95	94	90
1981	89	91	82	78	62	60	65	66	67
1982	88	90	90	86	87	95	93	99	**
1983	92	91	102	97	99	102	102	105	**
1984	88	95	84	89	88	95	96	105	**
1985	87	85	77	70	60	69	66	72	**
1986	**	89	87	83	83	70	72	72	**
1987	**	58	79	79	75	69	66	62	**
1988	**	64	61	60	60				

* Data not available prior to 1972.

** Discontinued.

SHEEP AND LAMB INVENTORY, JANUARY 1, 1987-88 1/

Class of Livestock	NEVADA 1987	NEVADA 1988	NEVADA 88 as % of 87	UNITED STATES 1987	UNITED STATES 1988	UNITED STATES 88 as % of 87
	-Thousand Head-		Pct.	- - Thousand Head - -		Pct.
All Sheep and Lambs. . . .	86	96	112	10,334.2	10,774.4	104
On Feed	--	2	---	1,508.0	1,781.0	118
Stock Sheep	86	94	109	8,826.2	8,993.4	102
Lambs.	15	14	93	1,659.3	1,589.7	96
Ewes.	14	13	93	1,295.9	1,266.0	98
Wethers & Rams. .	1	1	100	363.4	323.7	89
One Year and Older .	71	80	113	7,166.9	7,403.7	103
Ewes.	69	78	113	6,846.6	7,076.7	103
Wethers & Rams. .	2	2	100	320.3	327.0	102
Lambs Saved.	80	--	---	7,229.9	---	---
Inventory Value (000 Dols)	7,826	9,696	124	782,108	968,918	124
Value Per Head (Dollars) .	91.00	101.00	111	75.70	89.90	119

1/ Sum of classes may not add to total due to rounding.

SHEEP AND LAMBS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1978-87

Year	Sheep & Lambs Jan. 1	Lambs Saved	Inshipments	Marketings Sheep	Marketings Lambs	Farm Slaughter	Deaths Sheep	Deaths Lambs
				Thousand Head				
1978 . . .	125	96	68	8	121	3	13	19
1979 . . .	125	94	68	12	124	3	10	16
1980 . . .	122	93	68	6	110	3	9	21
1981 . . .	134	97	140	13	199	3	10	17
1982 . . .	129	92	159	18	221	3	10	18
1983 . . .	110	85	190	15	241	3	7	16
1984 . . .	103	83	164	7	215	3	8	17
1985 . . .	100	72	41	17	92	3	6	14
1986 . . .	81	73	2	2	43	3	7	15
1987 . . .	86	80	18	2	56	3	7	20
1988 . . .	96							

SHEEP AND LAMBS: PRODUCTION AND INCOME, NEVADA, 1978-87

Year	Production	Marketings	Value of Production	Cash Receipts 1/	Value of Home Consumption	Gross Income
	-Thousand Pounds-		- - - - - - - - Thousand Dollars - - - - - - - -			
1978.	7,460	11,804	4,106	6,453	134	6,587
1979.	6,230	12,495	3,495	7,112	132	7,244
1980.	7,730	12,210	4,151	7,122	129	7,251
1981.	9,395	22,325	4,688	11,499	118	11,617
1982.	8,925	25,185	3,615	10,228	93	10,321
1983.	11,830	29,655	4,566	11,497	85	11,582
1984.	10,775	25,625	5,372	12,937	110	13,047
1985.	7,085	12,780	3,747	6,461	123	6,584
1986.	5,721	5,046	3,652	3,333	150	3,483
1987.	6,476	6,476	4,027	4,471	158	4,629

1/ Receipts from marketings and sale of farm slaughter.

SHEEP AND LAMBS: INVENTORY, JANUARY 1, BY COUNTIES, NEVADA, 1983-88

County	1983	1984	1985	1986	1987	1988
Carson City.	1,500	2,800	2,800	3,000	3,000	3,100
Churchill. .	1,500	2,000	4,000	4,000	5,000	4,900
Douglas. . .	6,000	9,000	9,000	7,000	7,000	6,000
Elko	37,000	34,000	31,000	22,000	22,000	19,200
Eureka . . .	5,000	3,000	3,000	4,000	4,000	5,600
Humboldt . .	4,000	5,000	5,000	4,000	6,000	7,700
Lander . . .	4,000	4,000	4,000	4,000	4,000	4,000
Lyon	13,000	10,000	9,000	6,000	6,000	9,000
Nye.	3,000	2,000	2,000	2,000	2,000	1,800
Pershing . .	10,000	11,000	11,000	7,000	9,000	11,000
Washoe . . .	2,500	1,500	1,500	3,000	2,000	3,000
White Pine .	22,000	18,000	17,000	14,000	15,000	19,700
All Other. .	500	700	700	1,000	1,000	1,000
State Total.	110,000	103,000	100,000	81,000	86,000	96,000

WOOL PRODUCTION AND VALUE, NEVADA, 1978-87

Year	Sheep Shorn	Weight Per Fleece	Wool Production	Price Per Pound	Value
	Thousand Head	Pounds	Thousand Lb.	Cents	Thou. Dol.
1978.	102	10.4	1,061	69	732
1979.	100	10.3	1,030	84	865
1980.	108	10.0	1,080	88	950
1981.	112	10.0	1,120	97	1,086
1982.	104	9.8	1,019	67	683
1983.	95	10.2	969	64	620
1984.	84	10.0	840	89	748
1985.	78	10.2	796	62	494
1986.	76	10.0	760	68	517
1987.	83	10.0	830	95	789

HOG AND PIG INVENTORY, DECEMBER 1, 1986-87 1/

Class of Livestock	NEVADA 1986	NEVADA 1987	NEVADA 87 as % of 86	UNITED STATES 1986	UNITED STATES 1987	UNITED STATES 87 as % of 86
	-Thousand Head-		Pct.	- - Thousand Head - -		Pct.
All Hogs & Pigs.	14	16	114	50,920	53,795	106
Breeding.	2	3	150	6,671	7,021	105
Market.	12	13	108	44,250	46,774	106
Inventory value (000 Dols)	1,232	1,456	118	4,679,398	4,096,647	88
Value Per Head (Dollars) .	88.00	91.00	103	91.90	76.20	83

1/ Sum of classes may not add to total due to rounding.

HOGS AND PIGS: INVENTORY, SUPPLY AND DISPOSITION, NEVADA, 1978-87

Year	Hogs & Pigs Dec 1/	Pig Crop Dec-May 1/	Pig Crop Jun-Nov	Inshipments	Marketings	Farm Slaughter	Deaths
	- - - - - - - - - - - - - - - - - -			Number of Head		- - - - - - - - - - - - - - - - - -	
1978. . . .	9,000	8,900	7,000	100	13,200	1,000	800
1979. . . .	10,000	9,800	8,400	100	15,300	1,000	1,000
1980. . . .	11,000	9,100	9,000	100	15,200	1,000	1,000
1981. . . .	12,000	9,100	9,100	---	15,200	1,000	1,000
1982. . . .	13,000	9,100	10,000	---	16,800	500	800
1983. . . .	14,000	11,000	11,000	---	20,700	400	900
1984. . . .	14,000	12,000	10,000	---	21,800	300	900
1985. . . .	13,000	10,000	12,000	---	18,800	200	1,000
1986. . . .	15,000	10,000	11,000	---	20,800	200	1,000
1987. . . .	14,000	13,000	13,000	1,000	23,800	200	1,000
1988. . . .	16,000						

1/ December 1 of preceding year.

HOGS AND PIGS: PRODUCTION AND INCOME, NEVADA, 1978-87

Year	Production	Marketings	Value of Production	Cash Receipts	Value of Home Consumption	Gross Income
	- Thousand Pounds -		- - - - - - - -	Thousand Dollars	- - - - - - - -	
1978. . . .	3,385	2,913	1,680	1,451	169	1,620
1979. . . .	3,888	3,346	1,613	1,391	142	1,533
1980. . . .	3,578	3,322	1,404	1,307	134	1,441
1981. . . .	3,979	3,322	1,303	1,091	111	1,202
1982. . . .	3,813	3,596	1,669	1,577	75	1,652
1983. . . .	4,467	4,399	1,792	1,765	74	1,839
1984. . . .	4,688	4,566	1,658	1,616	49	1,665
1985. . . .	4,151	3,929	1,414	1,339	32	1,371
1986. . . .	4,288	4,171	1,824	1,774	40	1,814
1987. . . .	5,372	5,029	2,380	2,243	42	2,285

LIVESTOCK SLAUGHTER

Total liveweight of animals slaughtered in Nevada's commercial slaughter plants decreased 48 percent during 1987. Declines occurred throughout the year. Cattle accounted for 2.4 million pounds or 77 percent of the total--9 percent less than a year earlier. These estimates include slaughter in Nevada's 6 federally inspected plants, but exclude animals slaughtered on farms and ranches.

COMMERCIAL LIVESTOCK SLAUGHTER BY CLASSES, NEVADA, 1983-87

Species and Year	Head	Liveweight		Species and Year	Head	Liveweight	
		Average	Total			Average	Total
	No.	Pounds	Thou. Lb.		No.	Pounds	Thou. Lb.
Cattle				Sheep & Lambs			
1983	6,200	1,172	7,231	1983	3,000	116	350
1984	7,200	1,142	8,183	1984	2,700	113	311
1985	6,400	1,067	6,870	1985	2,500	113	284
1986	4,700	1,112	5,201	1986	2,400	122	292
1987	2,400	976	2,363	1987	2,100	118	253
Calves				Hogs			
1983	---	---	--	1983	3,300	229	758
1984	100	374	34	1984	3,500	213	747
1985	---	---	--	1985	3,100	215	660
1986	---	---	--	1986	2,700	205	556
1987	100	405	35	1987	2,200	228	500

COMMERCIAL LIVESTOCK SLAUGHTER BY MONTHS, NEVADA, 1987 1/

Month	Cattle		Calves		Sheep & Lambs		Hogs		All Species Total Liveweight
	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	Head	Total Live-Weight	
	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	No.	Thou. Lb.	Thou. Lb.
January	300	208	---	---	100	8	200	38	254
February	200	185	---	---	100	9	100	35	229
March	200	237	---	---	100	8	200	35	280
April	300	227	---	---	100	9	100	35	271
May	200	190	---	---	200	28	300	69	287
June	200	193	---	---	200	25	100	24	242
July	200	187	---	---	400	42	300	58	287
August	200	165	---	---	300	39	200	45	249
September	200	221	---	---	300	29	200	49	299
October	200	187	---	---	200	21	100	31	239
November	200	152	---	---	200	23	100	26	201
December	200	210	---	---	100	11	300	56	277
Total	2,400	2,363	100	35	2,100	253	2,200	500	3,116

1/ Total may not add due to rounding. Months with no data are not printed to avoid disclosing individual operations, but the data is included in annual totals.

MILK: PRODUCTION, FARM VALUE, UTILIZATION, AND MARKETING RECEIPTS
NEVADA, 1978-87

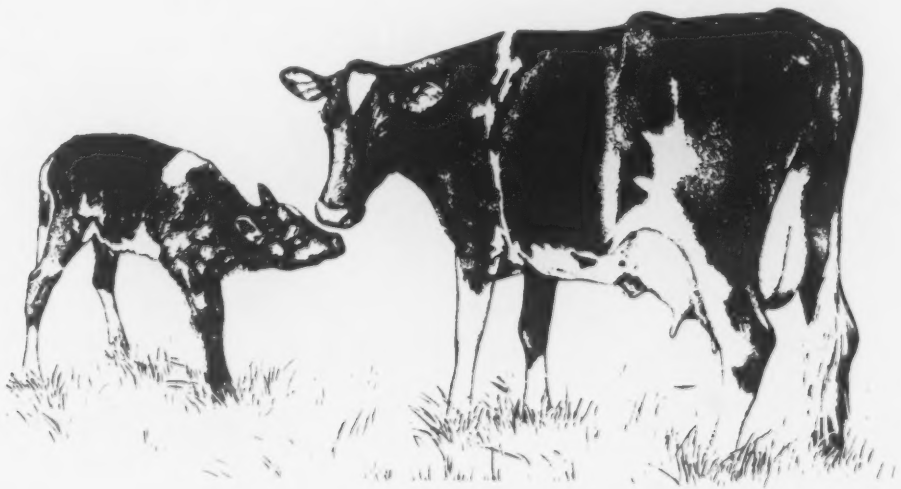
Year	MILK					
			Utilization		Marketing	Receipts
	Production	Value of Production	Farm Uses	Sold 1/	Per Lb. Milk Fat	Cash Receipts
	Mil. Lbs.	Thou. Dols.	Million Pounds		Dollars	Thou. Dols.
1978	187	19,560	5	182	2.98	19,033
1979	199	22,885	5	194	3.34	22,310
1980	219	27,813	5	214	3.62	27,178
1981	223	29,882	5	218	3.79	29,212
1982	225	29,925	5	220	3.73	29,260
1983	237	31,758	5	232	3.81	31,088
1984	251	33,885	5	246	3.78	33,210
1985	266	34,048	5	261	3.52	33,408
1986	274	33,428	5	269	3.36	32,818
1987	278	34,750	5	273	3.47	34,125

1/ Milk equivalent of cream sold.

MILK: COWS MILKED, PRODUCTION PER COW, TOTAL PRODUCTION
NEVADA, BY QUARTER, 1985-87

Quarter	Cows Milked 1/			Milk Per Cow 2/			Milk Production 2/		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Thousands			Pounds			Million Pounds		
Jan-Mar	18.5	19.0	19.0	3,345	3,500	3,500	61.9	66.5	66.5
Apr-Jun	18.7	19.0	19.0	3,625	3,640	3,690	67.8	69.2	70.1
Jul-Sep	18.9	19.0	19.0	3,700	3,755	3,805	69.9	71.3	72.3
Oct-Dec	19.0	19.0	19.0	3,495	3,525	3,635	66.4	67.0	69.1
Annual	18.8	19.0	19.0	14,149	14,421	14,632	266.0	274.0	278.0

1/ Excludes heifers not yet fresh.
2/ Excludes milk sucked by calves.



ALL MILK PRICE AND AVERAGE FAT TEST OF MILK SOLD BY FARMERS, BY MONTHS, NEVADA, 1985-1987

Month	All Milk Price Per Cwt.			Fat Test Of Milk Sold		
	1985	1986	1987	1985	1986	1987
	Dollars			Percent		
January	14.00	12.50	12.80	3.81	3.76	3.83
February	13.75	12.35	12.55	3.74	3.72	3.72
March	13.45	12.05	12.35	3.68	3.68	3.66
April	13.00	11.90	12.00	3.62	3.59	3.57
May	12.65	11.80	12.00	3.52	3.49	3.49
June	12.35	11.75	12.20	3.46	3.44	3.47
July	12.30	11.80	12.20	3.43	3.45	3.47
August	12.15	11.90	12.35	3.50	3.47	3.48
September	12.70	12.30	12.80	3.63	3.60	3.51
October	12.40	12.80	12.75	3.71	3.74	3.62
November	12.60	12.80	13.00	3.78	3.82	3.75
December	12.65	12.90	12.60	3.81	3.82	3.75
Annual	12.80	12.20	12.50	3.64	3.63	3.60

QUANTITIES OF DAIRY PRODUCTS MANUFACTURED, BY MONTHS, NEVADA, 1985-1987

Month	Dairy Products Manufactured 1/					
	Ice Cream 2/			Ice Milk 2/		
	1985	1986	1987	1985	1986	1987
	Thousand Gallons					
January	113	111	93	104	108	106
February	109	98	101	100	97	111
March	125	121	119	127	121	136
April	134	109	123	133	126	155
May	133	119	114	157	132	145
June	141	131	128	153	149	181
July	152	138	144	173	157	213
August	138	140	135	164	166	205
September	112	112	114	131	130	163
October	119	103	107	127	136	158
November	101	90	85	131	139	121
December	95	93	86	150	167	113
Annual	1,472	1,365	1,349	1,650	1,628	1,807

1/ Sherbet production on annual basis: 1985-85,000 gallons; 1986-73,000 gallons; 1987-68,000 gallons. Other items manufactured are not shown when less than 3 plants have reported since individual operations might be disclosed.

2/ Includes production in regular dairy plants and soft frozen products sold directly from a freezer.

MILK COWS AND PRODUCTION, BY COUNTIES, NEVADA, 1986-87

County	1986			1987		
	Milk Cows	Milk Per Cow	Milk Production	Milk Cows	Milk Per Cow	Milk Production
	No.	Lb.	Million Lb.	No.	Lb.	Million Lb.
Churchill	6,200	14,200	88.0	6,000	14,200	85.2
Clark	6,700	14,500	97.2	7,000	15,000	105.0
Douglas	2,500	15,000	37.5	2,400	15,400	37.0
Lyon	1,900	14,900	28.3	1,800	14,500	26.1
Washoe	600	13,800	8.3	700	13,700	9.6
All Others	1,100	13,400	14.7	1,100	13,700	15.1
State Total	19,000	14,421	274.0	19,000	14,632	278.0

CHICKEN AND EGGS

Total chickens on Nevada farms and ranches were estimated at 18,000 on December 1, 1987. This was up 6 percent from a year earlier. Of the total chickens, 13,000 were of laying age on December 1, 1987.

Total value of chickens in Nevada on December 1, 1987 came to $56,000 which was up 14 percent from a year earlier. Value per bird, at $3.10, was up 20 cents from the previous year.

CHICKENS ON FARMS, DECEMBER 1, 1985-87 1/

Type	Nevada				United States			
	1985	1986	1987	87 as % of 86	1985	1986	1987	87 as % of 86
	Thousand			Percent	Thousand			Percent
Total Chickens	17	17	18	106	368,548	369,131	377,516	102
Laying Age .	12	12	13	108	279,769	279,940	285,529	102
Hens. . . .	10	10	10	100	130,623	125,040	124,624	100
Pullets . .	2	2	3	150	149,146	154,900	160,905	104
All Others. .	5	5	5	100	88,779	89,191	91,987	103

1/ Excludes Commercial Broilers.

VALUE OF CHICKENS ON FARMS, DECEMBER 1, 1985-87 1/

Value	Nevada			United States		
	1985	1986	1987	1985	1986	1987
Per Bird . . .	2.60	2.90	3.10	1.90	1.87	1.87
Total Thou. Dol	44	49	56	700,150	690,165	706,079

1/ Excludes Commercial Broilers.

EGG PRODUCTION: NUMBER OF LAYERS, EGGS PER LAYER AND TOTAL PRODUCTION, BY QUARTERS, NEVADA, 1985-87

Quarter	Layers			Eggs Per 100 Layers 1/			Total Production		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
	Thousands			Number			Thousands		
Dec. 2/ - Feb	12.0	12.0	12.0	3,825	4,500	3,825	459	540	459
March - May	12.0	12.0	12.0	4,600	5,290	4,965	552	635	596
June - Aug	12.0	12.0	12.0	5,290	5,060	5,290	635	607	635
Sept - Nov	12.0	12.0	13.0	4,550	4,185	4,095	546	502	532
Total 3/. .	12.0	12.0	12.0	183	190	185	2,192	2,284	2,222

1/ Number of eggs produced divided by average number of layers on hand. 2/ December preceding year. 3/ Layers are the average during the year. Rate of lay is the annual per layer.

EGGS: PRODUCTION, DISPOSITION AND INCOME, NEVADA, 1985-87

Year	Eggs Produced	Price Per Dozen	Gross Income
	Million Eggs	Cents	Thousand Dollars
1985	2.2	42.5	78
1986	2.2	49.1	90
1987	2.2	40.2	74

PRICES RECEIVED FOR SPECIFIED PRODUCTS: BY MONTHS, NEVADA, 1984-87

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
						Beef Cattle						
						(Dollars Per Cwt)						
1984	44.40	46.60	45.70	44.80	40.80	44.70	44.70	45.10	39.60	34.20	34.20	43.00
1985	45.20	49.60	47.50	46.70	47.30	44.50	41.00	40.80	41.50	42.00	42.40	42.80
1986	44.00	46.00	44.30	41.30	40.40	39.70	41.90	43.10	47.00	48.60	46.00	48.80
1987	48.40	52.80	53.40	53.80	53.20	55.30	55.60	57.20	60.10	54.60	56.10	58.40
						Steers and Heifers						
1984	58.10	56.10	55.90	53.10	51.30	56.10	52.60	52.30	55.00	52.70	52.80	55.10
1985	52.30	56.60	53.70	53.60	54.90	51.00	46.20	45.80	47.10	49.40	50.50	50.40
1986	51.60	51.20	50.30	48.00	45.40	42.00	47.80	47.80	54.00	55.30	52.70	55.60
1987	54.20	60.20	60.60	60.20	60.20	62.80	63.30	66.10	68.30	61.90	63.80	66.50
						Cows						
1984	33.60	37.30	38.90	39.80	37.50	38.40	42.10	38.40	36.40	34.20	26.90	35.00
1985	34.60	39.10	38.10	36.40	36.00	34.80	33.10	33.20	33.00	30.90	30.20	31.40
1986	29.80	36.40	33.10	28.80	31.10	35.30	31.00	34.40	34.10	36.20	33.40	36.10
1987	37.60	39.10	40.10	41.80	40.30	41.30	41.40	40.60	44.90	40.90	41.90	43.30
						Calves						
1984	61.60	58.60	60.50	62.50	59.70	56.40	57.40	54.80	58.20	61.40	58.50	58.80
1985	56.80	58.70	61.00	68.30	64.60	61.40	54.20	56.30	60.90	56.40	57.60	56.20
1986	49.40	60.60	57.90	59.70	50.90	51.10	50.20	51.00	62.30	63.50	58.20	66.50
1987	67.30	72.90	72.80	75.50	71.50	75.10	74.90	74.60	75.80	75.60	78.90	79.40
						Sheep						
1984	18.30	17.10	20.30	20.00	11.40	9.00	15.30	12.10	11.20	15.90	14.50	22.90
1985	17.50	18.30	15.00	14.60	14.50	14.50	16.80	16.80	15.90	14.10	19.30	18.30
1986	22.50	16.80	18.10	19.10	16.40	21.30	20.80	22.70	27.10	26.00	26.10	22.30
1987	21.70	27.50	27.60	22.10	25.00	29.90	21.50	27.70	23.90	23.90	30.20	26.20
						Lambs						
1984	47.00	45.60	39.40	40.70	1/	52.90	48.30	54.70	50.00	56.80	55.90	53.30
1985	50.70	48.00	47.70	59.00	57.90	63.90	58.50	62.20	57.40	57.50	55.60	57.40
1986	55.30	47.10	53.20	48.70	67.10	66.40	64.40	59.00	57.00	53.10	64.20	68.60
1987	63.00	66.30	71.00	66.40	77.10	81.30	78.30	73.80	65.50	65.10	60.60	57.80
						Alfalfa Hay						
						(Dollars Per Ton)						
1984	95.00	98.00	95.00	90.00	80.00	80.00	84.00	75.00	70.00	70.00	75.00	80.00
1985	85.00	87.00	90.00	90.00	95.00	85.00	80.00	82.00	82.00	84.00	86.00	86.00
1986	90.00	90.00	90.00	90.00	80.00	80.00	82.00	82.00	78.00	78.00	80.00	81.00
1987	83.00	81.00	78.00	74.00	74.00	82.00	82.00	82.00	82.00	85.00	87.00	85.00
						Other Hay						
1984	75.00	78.00	75.00	70.00	60.00	62.00	64.00	55.00	55.00	55.00	65.00	60.00
1985	65.00	67.00	70.00	70.00	75.00	65.00	60.00	62.00	62.00	64.00	66.00	66.00
1986	70.00	70.00	70.00	70.00	60.00	60.00	62.00	62.00	58.00	58.00	58.00	60.00
1987	65.00	60.00	55.00	53.00	53.00	60.00	60.00	60.00	60.00	63.00	65.00	63.00
						All Hay						
1984	89.00	92.00	89.00	84.00	74.00	74.00	78.00	69.00	65.00	65.00	72.00	74.00
1985	79.00	81.00	84.00	84.00	89.00	79.00	74.00	76.00	76.00	78.00	80.00	80.00
1986	84.00	84.00	84.00	84.00	74.00	74.00	76.00	76.00	72.00	72.00	73.00	75.00
1987	78.00	75.00	71.00	68.00	68.00	75.00	75.00	75.00	75.00	78.00	80.00	78.00

1/ Insufficient sales to establish price.

GRAZING FEES

Nevada is second only to Alaska in the amount of land owned by the federal government. About 85 percent of Nevada's total area of 70.3 million acres is federal land administered by the U.S. Department of Interior's Bureau of Land Management and the U.S. Department of Agriculture's Forest Service. Because of this, grazing on public lands is vital to the State's livestock industry.

For the years 1979-1985, fees for grazing on federal public lands were determined by a formula established in the Public Rangelands Improvement Act of 1978 (PRIA). This act expired December 31, 1985. On February 14, 1986, in the absence of Congressional action, the President, through Executive Order 12548, indefinitely extended the PRIA formula subject to a few minor changes.

These minor changes included: (1) the Forage Value Index would use "the weighted average estimate of the annual rental charge per head per month" rather than "animal unit month"; (2) the "Beef Cattle Price Index" means the weighted average annual selling price for beef cattle in the 11 Western States, and (3) the Prices Paid Index would reflect selected livestock production costs in the Western States. In addition, the Executive Order specified that the fee "shall not be less than $1.35 per Animal Unit Month" and that annual adjustments would not exceed plus or minus 25 percent of the previous year's grazing fee.

Effective March 1, 1988, the Secretary of Agriculture issued a final ruling that established regulations for annually determining federal grazing fees. The fee system now in effect is the formula prescribed in the Executive Order of February 1986, and, in most respects, is the same grazing fee formula enacted by Congress in 1978. Grazing fees will be based on a rate per head month. Grazing fee formula components are compiled by the USDA's Agricultural Statistics Board and furnished to USDI Bureau of Land Management and the USDA's Forest Service for calculating the grazing fee each year.

PUBLIC LAND GRAZING FEE FORMULATION

Grazing Fee Components	Unit	Base Year 1964-68	Grazing Fee Year 1984	1985	1986	1987	1988
Grazing Rates on Private Land 1/.	Dollars	3.65	8.85	8.86	8.40	8.10	8.54
Forage Value Index (FVI) 2/.		100	242	243	230	222	234
Average Price Received for Beef Cattle per Cwt. 3/.	Dollars	22.04	56.40	57.80	53.70	51.80	59.96
Beef Cattle Price Index (BCPI) 4/.		100	256	262	244	235	272
Prices Paid Index (PPI) 5/ .		100	387	395	397	388	381
Federal Grazing Fee 6/ . . .	Dollars	(1.23)	1.37	1.35	1.35 7/	1.35 7/	1.54

1/ Privately-owned, non-irrigated land in eleven western states: Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, Wyoming. Rates for 1984 through 1987 are per AUM. Rate for 1988 is per head month.
2/ Private grazing rates current year divided by base year times 100.
3/ Average for twelve months November-October prior to the fee year for eleven western states; see footnote 1.
4/ Beef cattle price current year divided by base year times 100.
5/ Index of prices paid for beef cattle production inputs as percent of base year.
6/ The grazing fee = base year fee (FVI + BCPI - PPI) ÷ 100. 1988, for example = $1.23 (234 + 272 - 381) ÷ 100 = $1.54.
7/ Minimum fee established by Executive Order.

NEVADA STATE DEPARTMENT OF AGRICULTURE
1987 AERIAL AND GROUND PEST CONTROL SUMMARY

This summary was compiled from information contained in mandatory monthly reports submitted to this Department by the 1987 custom aerial pest control licensees. Its accuracy is based on these monthly reports and the data therein does not constitute approval or recommendations by this Department or the National Agricultural Statistics Service.

Pesticide Use (Aerial Application) 1987

ALFALFA HAY
(94,231.3 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphid	Carbofuran (Furadan)	.40 PT	100.0
		.75 PT	129.0
		1.00 PT	40.0
	Dibrom (Naled)	1.00 PT	73.0
	Dimethoate	.50 PT	356.0
		.66 PT	630.0
		.75 PT	760.0
		1.00 PT	16,494.0
		1.20 PT	897.0
		1.25 PT	1,318.0
		1.33 PT	90.0
		1.50 PT	15,691.0
	Malathion	1.50 PT	137.0
	Methyl Parathion	.75 PT	1,002.0
	Mevinphos (Phosdrin)	1.00 PT	568.0
	Parathion	.50 PT	2,292.0
		.38 PT	902.0
	Systox	.17 PT	420.0
		.66 PT	50.0
		1.00 PT	33.0
Aphids/Grasshopper	Carbofuran (Furadan)	.50 PT	150.0
	Methyl Parathion	.50 PT	247.4
	Parathion	.50 PT	754.0
Aphids/Weevil	Carbofuran (Furadan)	.50 PT	1,508.0
	Methyl Parathion	.75 PT	40.0
	Parathion	.38 PT	50.0
		1.00 PT	4,341.5
Aphids/Weevil/Ghopr	Mevinphos (Phosdrin)	.75 PT	101.7
		1.00 PT	43.0
Army Worm	Methyl Parathion	.75 PT	80.0
Broadleaf Weeds	Bromoxynil (Buctril)	1.00 PT	134.0
	2,4-D Ester	3.00 PT	165.0
	2,4-DB Amine	2.00 QT	22.0
	2,4-DB Ester	3.00 PT	772.0
Cutworms	Chlorpyrifos (Lorsban)	2.00 PT	300.0

ALFALFA HAY, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Foxtail	Poast	1.50 PT	52.0
Grass	Hexazinone (Velpar)	1.00 PT	120.0
	Metribuzin (Sencor)	1.00 PT	100.0
Grasshoppers	Carbofuran (Furadan)	.50 PT	135.0
	Dimethoate	1.00 PT	340.0
	Malathion	1.50 PT	910.0
	Methyl Parathion	.50 PT	40.0
		.75 PT	30.0
	Parathion	.33 PT	560.0
		.39 PT	1,476.0
		.50 PT	430.0
Lygus/Weevil	Carbofuran (Furadan)	1.00 PT	444.0
Thrips	Malathion	1.50 PT	50.0
	Methyl Parathion	.75 PT	250.0
Weeds	Hexazinone (Velpar L)	1.50 PT	1,710.0
		2.00 PT	1,383.0
		3.00 PT	358.0
	Metribuzin (Lexone)	1.00 PT	1,040.0
	Paraquat	3.00 PT	53.0
	Paraquat (Gramoxone)	3.00 PT	37.0
	2,4-D	1.00 PT	400.0
	2,4-DB Ester	2.00 PT	88.0
		3.00 PT	90.0
Weevil	Carbofuran	.50 LB	5,159.0
		.50 PT	13,277.0
		.66 PT	1,523.0
		.75 PT	2,076.0
		1.00 PT	1,722.0
		2.00 PT	113.7
	Dibrom (Naled)	1.00 PT	70.0
	Dimethoate	1.00 PT	909.0
		1.25 PT	1,445.0
		1.33 PT	143.0
	Methyl Parathion	.50 PT	67.0
		.75 PT	789.0
	Mevinphos	1.00 PT	264.0
	Parathion	.50 PT	3,637.0
	Phosmet (Imidan)	1.50 LB	1,338.0
Weevil/Aphids	Methyl Parathion	.75 PT	525.0
Ylo Foxtail	Trifluralin (Treflan)	20.00 LB	387.0

ALFALFA SEED
(37,313.0 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dibrom (Naled)	1.00 PT	280.0
	Dimethoate	1.50 PT	223.0
	Endocide	1.50 PT	50.0
		3.00 PT	25.0
	Endosulfan (Thiodan)	3.00 PT	75.0
	Fluvalinate (Spur)	9.00 OZ	683.0
		9.60 OZ	407.0
		1.00 PT	71.0

ALFALFA SEED, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Metasystox-R	.67 PT	109.0
		1.50 PT	3,854.0
		1.75 PT	853.0
		1.80 PT	503.0
		2.00 PT	1,725.7
	Methyl Parathion	.75 PT	280.0
	Pirimor	6.00 OZ	175.0
	Supracide	2.00 PT	628.0
	Syston	.33 PT	100.0
	Systox	.17 PT	657.0
		.33 PT	763.0
		1.00 PT	210.0
Aphids/Lygus	Endosulfan (Thiodan)	2.00 PT	40.0
	Parathion	.50 PT	55.0
Aphid/Mites	Disyston	6.70 LB	227.0
Broadleaf Weeds	2,4-D Ester	3.00 PT	80.0
	2,4-DB Ester	3.00 PT	245.0
Defoliation	Contact	3.00 PT	18.0
	Dinitro	3.00 PT	1,183.8
	Diquat	.50 PT	90.0
		1.00 PT	85.0
		2.00 PT	2,574.0
	Endothall (Des-I-Cate)	1.25 GAL	72.0
		1.50 GAL	592.0
		1.75 GAL	113.0
		2.00 GAL	413.0
	Paraquat (Gramoxone)	1.30 PT	150.0
		1.50 PT	375.0
		4.00 PT	1,041.0
Dodder	Chlorpropham (Furloe)	20.00 LB	463.0
		25.00 LB	604.0
Grass	Trifluralin (Treflan)	20.00 LB	427.4
Lygus Bugs	Dibrom (Naled)	1.00 PT	379.0
	Dylox	18.60 OZ	300.0
		20.00 OZ	155.9
	Fluvalinate (Spur)	8.00 OZ	500.0
		9.00 OZ	55.0
		9.30 OZ	740.0
		9.60 OZ	1,655.9
	Metasystox-R	2.00 PT	279.6
	Mevinphos (Phosdrin)	.50 PT	75.0
		1.00 PT	2,438.0
	Naled	.50 PT	93.0
	Supracide	3.00 PT	90.0
Lygus/Aphids	Fluvalinate (Spur)	9.00 OZ	75.0
		9.60 OZ	274.0
	Methyl Parathion	.75 PT	150.0
Lygus/Mites	Dibrom (Naled)	.24 PT	125.0
Lygus/Weevil/Aphid	Carbofuran (Furadan)	1.00 QT	133.0
	Methyl Parathion	.50 PT	133.0
Mites	Comite	2.00 PT	1,447.7
		3.00 PT	75.0

ALFALFA SEED, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mites	Sulfur (Thiolux)	1.00 LB	495.0
		2.00 LB	75.0
		3.00 LB	1,062.2
		4.00 LB	305.0
Mites/Mildew	Comite	2.00 PT	216.0
	Fermone Stirrup	4.00 OZ	316.0
	Sulfur (Thiolux)	3.00 LB	463.0
Spider Mites	Comite	1.00 QT	191.0
		1.75 QT	40.0
Weeds	Hexazinone (Velpar L)	1.00 QT	189.0
		2.00 QT	114.0
Weevil	Chlorpyrifos (Lorsban)	2.00 PT	104.9
	Dimethoate	1.50 PT	305.0
	Metasystox-R	2.00 PT	64.0
	Methyl Parathion	.75 PT	93.0
	Parathion	.50 PT	300.0
	Supracide	3.00 PT	2,135.0
		2.00 QT	550.0
Weevil/Aphids	Systox	.33 PT	70.0
Weevil/Lygus	Carbofuran (Furadan)	1.00 QT	491.0
	Mevinphos (Phosdrin)	1.00 PT	40.0

ALFALFA/BARLEY
(104.1 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Parathion	.50 PT	104.1

ALFALFA/OATS
(92.5 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-DB	6.00 PT	92.5

BARLEY
(8,113 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	.50 PT	50.0
		1.00 PT	193.0
	Methyl Parathion	.50 PT	25.0
	Parathion	.50 PT	480.0
	Systox	.33 PT	133.0
		.50 PT	50.0
	2,4-D	.50 PT	50.0
Aphids/Mites	Systox	.33 PT	241.0
Broadleaf Weeds	Dinoseb	1.50 PT	368.0
		2.00 PT	610.0
	Dinoseb (Vertac 40)	.66 PT	120.0
	LV-4 Clean Crop	1.00 PT	140.0

BARLEY, cont.

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	.50 PT	140.0
		1.00 PT	146.0
		1.50 PT	91.0
	2,4-D Amine	.50 PT	1,624.0
	2,4-DB Ester	3.00 PT	274.0
Grasshoppers	Parathion	.33 PT	60.0
		.50 PT	130.0
Weeds	Dinoseb (Vertac)	2.00 PT	60.0
	Metolachlor (Dual)	3.00 PT	Unknown
	2,4-D	2.00 PT	83.0
	2,4-D Amine	2.00 PT	2,460.0
	2,4-DB Ester	3.00 PT	71.0
Wild Oats	Carbyne	1.50 PT	380.0
	Hoelon (Diclofop Methy)	3.00 PT	134.0

BRUSH
(16,540 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquitos	Dibrom (Naled)	.75 OZ	11,000.0
		.80 OZ	5,540.0

CORN
(606.7 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	.50 PT	465.7
Mites	Parathion	1.00 PT	11.0
Weeds	2,4-D Ester	1.00 PT	35.0
		1.33 PT	60.0
		1.50 PT	35.0

FALLOW
(1,143 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Grasshoppers	Malathion (Cythion)	1.50 PT	20.0
	Parathion	.50 PT	113.0
Morning Glory	Banvel	6.00 OZ	120.0
Weeds	2,4-D Ester	2.00 PT	740.0
	Roundup	1.00 PT	80.0
White Top	2,4-D Ester	3.00 QT	70.0

GARLIC
(783 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Thrips	Malathion	1.50 PT	60.0
	Methyl Parathion	2.00 PT	7.0
Winter Weeds	Oxyfluorfen (Goal)	2.50 PT	131.0
	Paraquat	3.00 PT	585.0

GRAIN
(951 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Methyl Parathion	12.00 OZ	440.0
	Parathion	6.00 OZ	60.0
Broadleaf Weeds	2,4-D Amine	.50 PT	427.0
		1.10 PT	9.0
Weeds	2,4-D	.50 PT	15.0

GRASS, TULES
(820 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquitos	B.T.I.	5.00 LB	820.0

LETTUCE SEED
(85 TOTAL ACREAS TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Endosulfan (Thiodan)	1.00 PT	60.0
	Methyl Parathion	.50 PT	25.0

MARSH
(32,292 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquitos	B.T.I.	1.00 PT	1,392.0
	Dibrom (Naled)	.85 OZ	750.0
		.94 OZ	682.0
		1.00 OZ	17,599.0
	Piperonyl Butoxide	.50 OZ	1,363.0
		5.74 OZ	8,506.0
	Vectobac (BTI)	7.00 LB	2,000.0

MINT
(706 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Grasshoppers	Parathion	.33 PT	15.0
Mildew	Sulfur	3.00 PT	40.0
Mites	Comite	2.00 PT	280.0
		2.40 PT	25.0
	Sulfur (Thiolux)	3.00 LB	25.0
		4.00 LB	40.0
Weeds	Bromoxynil (Buctril)	1.00 PT	35.0
	Terbacil (Sinbar)	1.00 LB	51.0
		1.15 LB	80.0
		1.25 PT	115.0

NON-CROPLAND
(33,259 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquitos	Fenthion (Baytex)	1.30 OZ	6,700.0
		3.20 OZ	160.0
	Malathion	5.00 OZ	22,450.0
		6.00 OZ	2,400.0
Weeds	Diuron (Karmex)	20.00 LB	1.0
	Metolachlor (Dual)	3.00 PT	1,548.0

OATS
(273.5 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Systox	1.00 PT	22.0
Broadleafs	2,4-D	.50 PT	11.5
	2,4-D Amine	.50 PT	190.0
Weeds	2,4-D Ester	1.25 PT	50.0

ONIONS
(1,398 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Botrytis	Iprodione (Rovral)	1.00 LB	28.0
		1.50 LB	345.0
Cutworms	Sevin Bait	40.00 LB	13.0
Thrips	Malathion	1.50 PT	120.0
	Methyl Parathion	1.00 PT	153.0
		1.33 PT	30.0
		1.50 PT	30.0
	Parathion	.50 PT	182.0
Thrips/Mites	Azinphos-Methyl	1.00 LB	35.0
	Paraquat	2.00 PT	20.0
		2.00 QT	442.0

PASTURE
(117,624 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D Amine	.50 PT	30.0
Iris	2,4-D Amine	1.00 QT	200.0
Mosquito	B.T.I.	3.00 PT	160.0
		5.00 LB	40.0
	Dibrom (Naled)	.80 OZ	96,270.0
	Fenthion (Baytex)	3.20 OZ	1,400.0
	Malathion	3.00 OZ	7,760.0
		3.20 OZ	2,000.0
		4.00 OZ	240.0
		8.00 OZ	5,400.0
	Malathion ULV	3.00 OZ	3,900.0
Tules, Cattails	2,4-D	.50 PT	24.0
Willows	2,4-D	.50 PT	200.0

POTATOES
(32,980 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1.00 PT	300.0
	Endosulfan (Thiosulfan)	1.00 QT	5,594.0
Blight	Chlorothalonil (Bravo)	1.00 QT	260.0
	Maneb	1.00 QT	10,228.0
	Manex	1.50 QT	300.0
		3.00 QT	150.0
Blister Beetles	Endosulfan (Thiosulfan)	1.00 QT	70.0
Broadleaf Weeds	Metribuzin (Lexone)	.66 PT	100.0
Defoliation	Diquat	2.00 PT	282.0
	Endothall (Des-I-Cate)	6.00 QT	230.0
Dessication	Endothall (Des-I-Cate)	1.00 GAL	157.0
		5.00 QT	80.0
	Vertac Gen Weed Killer	3.00 PT	147.0
Early Blight	Chlorothalonil (Bravo)	1.50 PT	128.0
Leafhoppers	Methamidaphos (Monitor)	2.00 PT	312.0
Mites	Sulfur (Thiolux)	4.00 LB	80.0
Sprouting	Sprout Stop	1.00 GAL	330.0
Vines	Diquat	.50 PT	260.0
		1.00 PT	1,983.0
		1.50 PT	2,844.0
	Endothall (Des-I-Cate)	.50 GAL	260.0
Weeds	Metribuzin (Lexone)	.50 PT	300.0
	Metribuzin (Sencor)	1.00 PT	2,121.0
		1.25 PT	390.0
		1.50 PT	75.0
	Prowl	2.00 PT	5,699.0
Worms/Leafhoppers	Methamidaphos (Monitor)	2.00 PT	300.0

SEED ALFALFA
(5,715.1 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-DB	1.00 QT	133.0
Dodder	Chloropropham (Furloe)	15.00 LB	59.0
		20.00 LB	1,340.1
		30.00 LB	80.0
	Trifluralin (Treflan)	20.00 LB	1,081.0
Lygus Bugs	Carbofuran (Furadan)	1.00 QT	650.0
Weevil	Carbofuran (Furadan)	1.00 QT	483.0
Ylo Foxtail	Trifluralin (Treflan)	20.00 LB	1,889.0

SUDAN GRASS
(48 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D	.50 PT	48.0

WASTE WATER
(4,800 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Mosquitos	Malathion	1.20 OZ	2,800.0
		8.00 OZ	2,000.0

Wheat
(6,621.2 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Aphids	Dimethoate	1.00 PT	800.0
	Metasystox-R	2.00 PT	65.0
	Methyl Parathion	1.00 PT	300.0
	Parathion	.50 PT	70.0
		1.00 PT	254.0
	Systox	.33 PT	732.9
		1.00 PT	186.0
Aphids/Grasshopper	Malathion	1.50 PT	26.0
	Methly Parathion	.50 PT	80.0
Aphids/Mites	Systox	.33 PT	250.4
Broadleaf Weeds	2,4-D	.50 PT	200.0
		.75 PT	315.0
		1.50 PT	67.0
	2,4-D Amine	.50 PT	450.0
		1.33 PT	110.0
	2,4-DB Ester	3.00 PT	21.9
Brown Mite	Methyl Parathion	.75 PT	80.0
Grasshoppers	Parathion	.33 PT	60.0
		.50 PT	40.0
Mites	Comite	1.00 QT	80.0
Morning Glory	2,4-D Amine	1.00 PT	300.0
Weeds	2,4-D	2.00 PT	29.0
	2,4-D Amine	.66 PT	75.0
		1.50 PT	80.0
		2.00 PT	1,949.0

WHEAT, ALFALFA
(50 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-DB Ester	3.00 PT	50.0

WHEAT, BARLEY
(1,335 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	2,4-D Amine	1.50 PT	1,335.0

WINTER WHEAT
(30 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Broadleaf Weeds	2,4-D Amine	1.20 PT	30.0

PESTICIDE USE (Ground Application), BY COUNTIES, 1987

CARSON

NONP-CROPLAND
(.2 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.2

CHURCHILL

BARLEY
(94 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	2,4-D	.66 PT	94.0

NON-CROPLAND
(10.8 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Banvel	1.00 PT	.8
	Oust	2.00 OZ	5.0
	Simizine (Princep)	2.00 LB	5.0

OATS
(25 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	2,4-D	.66 PT	25.0

PASTURE
(2 TOTAL ACRES TREATED)

PEST OR USE	CHEMCIAL	RATE/ACRE	ACRES
Weeds	2,4-D	.66 PT	2.0

WHEAT
(27 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	2,4-D	.66 PT	27.0

CLARK

NON-CROPLAND
(.6 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.6

DOUGLAS

NON-CROPLAND
(4 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	4.00 OZ	3.0
		6.00 OZ	1.0

ORNAMENTALS
(.2 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Napropamide	8.00 LB	.2

ESMERALDA

NON-CROPLAND
(.5 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.5

EUREKA

ALFALFA HAY
(550 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Metribuzin (Sencor)	1.00 PT	550.0

NON-CROPLAND
(.2 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.2

HUMBOLDT

ALFALFA HAY
(993 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	2,4-DB Ester	3.00 PT	70.0
	Hexazinone (Velpar)	1.00 QT	765.0
		1.50 QT	61.0
		2.00 QT	50.0
	Metribuzin (Sencor)	1.00 PT	47.0

HUMBOLDT, cont.

ALFALFA SEED
(382 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Benfluralin (Balan)	2.00 LB	286.0
	Metribuzin (Sencor)	1.00 PT	60.0
		1.25 PT	36.0

BARLEY
(280 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Dinoseb (Vertac)	1.50 PT	45.0
		2.00 PT	235.0

LETTUCE
(60 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Trifluralin (Treflan)	1.50 PT	60.0

MINT
(725 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Bromoxynil (Buctril)	1.00 PT	40.0
		2.00 LB	177.0
	Terbacil (Sinbar)	1.00 LB	177.0
		1.25 LB	111.0
	Trifluralin (Treflan)	1.00 PT	70.0
		3.00 PT	150.0

NON-CROPLAND
(301.8 TOTAL ACRES TREATED)

PEST OR USE	CHEMCIAL	RATE/ACRE	ACRES
Broadleaf Weeds	Banvel	8.00 OZ	140.0
	Dinoseb (Vertac)	2.00 PT	140.0
Weeds	Oust	5.00 OZ	2.8
	Paraquat (Gramoxone)	2.50 PT	19.0

POTATOES
(15,008 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Sprouting	Chloropropham (Decco)	1.00 GAL	2,400.0
	Chloropropham (Sptnip)	1.00 GAL	12,608.0

LANDER

NON-CROPLAND
(40 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Diuron (Karmex)	5.00 LB	40.0

LYON

NON-CROPLAND
(.4 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.4

ONIONS
(419.3 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Nematodes	Pic Clor 60	210.00 LB	277.9
		235.00 LB	103.6
White Rot	Tri Con 75/25	400.00 LB	37.8

MINERAL

NON-CROPLAND
(.5 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.5

NYE

NON-CROPLAND
(.7 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.7

PERSHING

NON-CROPLAND
(.3 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.3

STOREY

NON-CROPLAND
(.1 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.1

UNKNOWN

RIGHT-OF-WAY
(UNKNOWN TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Atratol	1,137.20 GAL	
	Atrazine	241.20 GAL	
	Direx	1,185.00 GAL	
	Diuron	94.50 GAL	
	Diuron (Karmex)	5,386.00 LB	
	Mont. Crop Oil	134.80 GAL	
	Round-up	511.75 GAL	
	Simazine (Princep)	1,867.30 GAL	
		5,386.00 LB	
	Simazine	148.50 GAL	
	2,4-D	269.00 GAL	

WASHOE

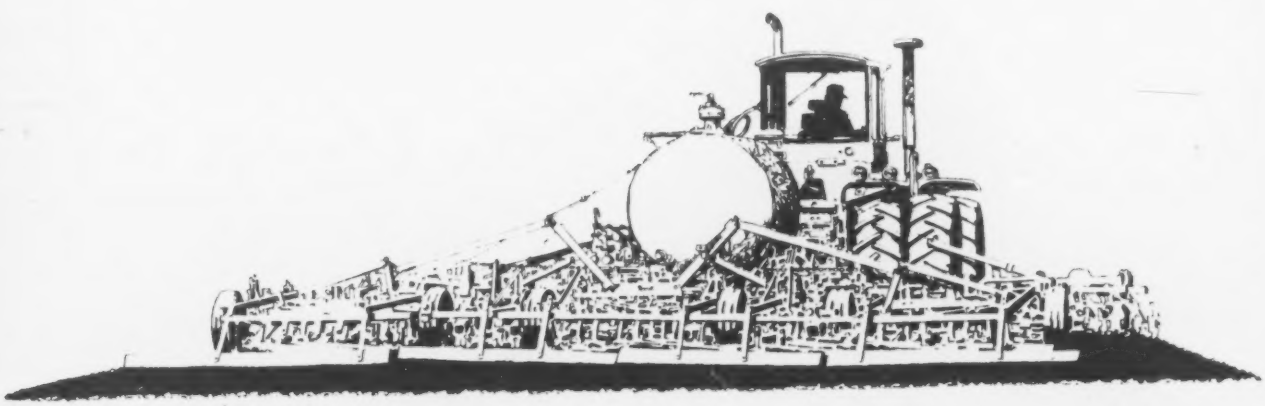
NON-CROPLAND
(44.6 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Russian Thistle	Banvel	1.00 PT	16.0
Weeds	Banvel	1.00 PT	8.8
	Oust	2.00 OZ	8.0
		4.00 OZ	.8
		5.00 OZ	3.0
	Simizine (Princep)	1.50 LB	8.0

WHITE PINE

NON-CROPLAND
(.2 TOTAL ACRES TREATED)

PEST OR USE	CHEMICAL	RATE/ACRE	ACRES
Weeds	Oust	5.00 OZ	.2



National Agricultural Statistics Service

Fact Finding for Agriculture